

Javascript And Jquery Interactive Front End Web Development

JavaScript and jQuery

A visual and accessible guide to JavaScript and jQuery in a built-to-last hardcover edition In JavaScript & jQuery renowned author Jon Duckett discards the traditional programming book template and approaches writing code in a more relevant, less intimidating way. Full-color and packed with instructional graphics and photos, his books have gained a loyal following by illustrating programming in a way both instructive for newcomers and invaluable for seasoned coders. By discussing JavaScript and jQuery in a single text, Duckett ensures you will quickly be writing your own working scripts. Yet the book doesn't assume you have experience in either JavaScript or jQuery. By making use of popular jQuery plugins, Duckett illustrates techniques that would require pages upon pages of detailed explanation if you were being taught to create the plugins yourself. This durable and attractive hardcover edition is a book you will have open on your desk as a reference for years to come. A timeless and lasting version of a classic \"Duckett\" book in a hardbound, dust-jacketed edition Completely accessible to those who feel intimidated by the subject matter and relevant to all front-end designers and developers who need to understand JavaScript Discusses applying responsive design techniques, leveraging APIs to save you time and work in coding, and identifying when to use CSS transforms over pure JavaScript Beautiful 4-color illustrations and examples make this a terrific academic resource for those of all experience levels JavaScript & jQuery clearly explains the jargon of programming, addressing the vocabulary without making it a prerequisite for readers. Duckett speaks directly to readers, making this an invaluable resource. This book is also available as a set, Web Design with HTML, CSS, JavaScript and jQuery Set 978119038634 along with HTML and CSS Design and Build Websites 9781118871645.

JavaScript and JQuery

This full-color book will show you how to make your websites more interactive and your interfaces more interesting and intuitive.THIS BOOK COVERS:Basic programming concepts - assuming no prior knowledge of programming beyond an ability to create a web page using HTML & CSSCore elements of the JavaScript language - so you can learn how to write your own scripts from scratchjQuery - which will allow you to simplify the process of writing scripts (this is introduced half-way through the book once you have a solid understanding of JavaScript)How to recreate techniques you will have seen on other web sites such as sliders, content filters, form validation, updating content using Ajax, and much more (these examples demonstrate writing your own scripts from scratch and how the theory you have learned is put into practice).As with our first book (the best-selling HTML & CSS: Design and Build Websites), each chapter:Breaks subjects down into bite-sized chunks with a new topic on each pageContains clear descriptions of syntax, each one demonstrated with inspiring code samplesUses diagrams and photography to explain complex concepts in a visual wayBy the end of the book, not only will you be able to use the thousands of scripts, JavaScript APIs, and jQuery plugins that are freely available on the web, and be able to customize them - you will also be able to create your own scripts from scratch.If you're looking to create more enriching web experiences, then this is the book for you.

Web Design with HTML, CSS, JavaScript and jQuery Set

A two-book set for web designers and front-end developers This two-book set combines the titles HTML & CSS: Designing and Building Web Sites and JavaScript & jQuery: Interactive Front-End Development. Together these two books form an ideal platform for anyone who wants to master HTML and CSS before stepping up to JavaScript and jQuery. HTML & CSS covers structure, text, links, images, tables, forms, useful options, adding style with CSS, fonts, colors, thinking in boxes, styling lists and tables, layouts, grids, and even SEO, Google analytics, ftp, and HTML5. JavaScript & jQuery offers an excellent combined introduction to these two technologies using a clear and simple visual approach using diagrams, infographics, and photographs. A handy two-book set that uniquely combines related technologies Highly visual format and accessible language makes these books highly effective learning tools Perfect for beginning web designers and front-end developers

Javascript and Jquery

JavaScript was written to give readers an accurate, concise examination of JavaScript objects and their supporting nuances, such as complex values, primitive values, scope, inheritance, the head object, and more. If you're an intermediate JavaScript developer and want to solidify your understanding of the language, or if you've only used JavaScript beneath the mantle of libraries such as jQuery or Prototype, this is the book for you. This updated and expanded second edition of Book provides a user-friendly introduction to the subject, Taking a clear structural framework, it guides the reader through the subject's core elements. A flowing writing style combines with the use of illustrations and diagrams throughout the text to ensure the reader

understands even the most complex of concepts. This succinct and enlightening overview is a required reading for all those interested in the subject . We hope you find this book useful in shaping your future career & Business.

HTML and CSS

A full-color introduction to the basics of HTML and CSS! Every day, more and more people want to learn some HTML and CSS. Joining the professional web designers and programmers are new audiences who need to know a little bit of code at work (update a content management system or e-commerce store) and those who want to make their personal blogs more attractive. Many books teaching HTML and CSS are dry and only written for those who want to become programmers, which is why this book takes an entirely new approach. Introduces HTML and CSS in a way that makes them accessible to everyone—hobbyists, students, and professionals—and it’s full-color throughout Utilizes information graphics and lifestyle photography to explain the topics in a simple way that is engaging Boasts a unique structure that allows you to progress through the chapters from beginning to end or just dip into topics of particular interest at your leisure This educational book is one that you will enjoy picking up, reading, then referring back to. It will make you wish other technical topics were presented in such a simple, attractive and engaging way! This book is also available as part of a set in hardcover - Web Design with HTML, CSS, JavaScript and jQuery, 9781119038634; and in softcover - Web Design with HTML, CSS, JavaScript and jQuery, 9781118907443.

PHP & MySQL

Learn PHP, the programming language used to build sites like Facebook, Wikipedia and WordPress, then discover how these sites store information in a database (MySQL) and use the database to create the web pages. This full-color book is packed with inspiring code examples, infographics and photography that not only teach you the PHP language and how to work with databases, but also show you how to build new applications from scratch. It demonstrates practical techniques that you will recognize from popular sites where visitors can: Register as a member and log in Create articles, posts and profiles that are saved in a database Upload their own images and files Automatically receive email notifications Like and comment on posts. To show you how to apply the skills you learn, you will build a complete content management system, enhanced with features that are commonly seen on social networks. Written by best-selling HTML & CSS and JavaScript & jQuery author Jon Duckett, this book uses a unique visual approach, with step-by-step instructions, practical code examples and pro tips that will teach you how to build modern database-driven websites using PHP.

JavaScript and JQuery

Learn JavaScript and jQuery a nicer way This full-color book adopts a visual approach to teaching JavaScript & jQuery, showing you how to make web pages more interactive and interfaces more intuitive through the use of inspiring code examples, infographics, and photography. The content assumes no previous programming experience, other than knowing how to create a basic web page in HTML & CSS. You'll learn how to achieve techniques seen on many popular websites (such as adding animation, tabbed panels, content sliders, form validation, interactive galleries, and sorting data).. * Introduces core programming concepts in JavaScript and jQuery * Uses clear descriptions, inspiring examples, and easy-to-follow diagrams * Teaches you how to create scripts from scratch, and understand the thousands of JavaScripts, JavaScript APIs, and jQuery plugins that are available on the web * Demonstrates the latest practices in progressive enhancement, cross-browser compatibility, and when you may be better off using CSS3 If you're looking to create more enriching web experiences and express your creativity through code, then this is the book for you.

Beginning HTML, XHTML, CSS, and JavaScript

An indispensable introductory guide to creating web pages using the most up-to-date standards This beginner guide shows you how to use XHTML, CSS, and JavaScript to create compelling Web sites. While learning these technologies, you will discover coding practices such as writing code that works on multiple browsers including mobile devices, how to use AJAX frameworks to add interactivity to your pages, and how to ensure your pages meet accessible requirements. Packed with real-world examples, the book not only teaches you how to write Web sites using XHTML, CSS and JavaScript, but it also teaches you design principles that help you create attractive web sites and practical advice on how to make web pages more usable. In addition, special checklists and appendices review key topics and provide helpful references that re-enforce the basics you've learned. Serves as an ideal beginners guide to writing web pages using XHTML Explains how to use CSS to make pages more appealing and add interactivity to pages using JavaScript and AJAX frameworks Share advice on design principles and how to make pages more attractive and offers practical help with usability and accessibility Features checklists and appendices that review key topics This introductory guide is essential reading for getting started with using XHTML, CSS and JavaScript to create exciting and compelling Web sites. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Head First JavaScript

So you're ready to make the leap from writing HTML and CSS web pages to creating dynamic web applications. You want to take your web skills to the next level. And you're finally ready to add \"programmer\" to the resume. It sounds like you're ready to learn the Web's hottest programming language: JavaScript. Head First JavaScript is your ticket to going beyond copying and pasting the code from someone else's web site, and writing your own interactive web pages. With Head First JavaScript, you learn: The basics of programming, from variables to types to looping How the web browser runs your code, and how you can talk to the browser with your code Why you'll never have to worry about casting, overloading, or polymorphism when you're writing JavaScript code How to use the Document Object Model to change your web pages without making your users click buttons If you've ever read a Head First book, you know what to expect -- a visually rich format designed for the way your brain works. Head First JavaScript is no exception. It starts where HTML and CSS leave off, and takes you through your first program into more complex programming concepts -- like working directly with the web browser's object model and writing code that works on all modern browsers. Don't be intimidated if you've never written a line of code before! In typical Head First style, Head First JavaScript doesn't skip steps, and we're not interested in having you cut and paste code. You'll learn JavaScript, understand it, and have a blast along the way. So get ready... dynamic and exciting web pages are just pages away.

Professional JavaScript for Web Developers

Update your skill set for ES 6 and 7 with the ultimate JavaScript guide for pros Professional JavaScript for Web Developers is the essential guide to next-level JavaScript development. Written for intermediate-to-advanced programmers, this book jumps right into the technical details to help you clean up your code and become a more sophisticated JavaScript developer. From JavaScript-specific object-oriented programming and inheritance, to combining JavaScript with HTML and other markup languages, expert instruction walks you through the fundamentals and beyond. This new fourth edition has been updated to cover ECMAScript 6 and 7 (also known as ES2015 and ES2016) and the major re-imagination and departure from ES 5.1; new frameworks and libraries, new techniques, new testing tools, and more are explained in detail for the professional developer, with a practical focus that helps you put your new skills to work on real-world projects. The latest—and most dramatic—ES release is already being incorporated into JavaScript engines in major browsers; this, coupled with the rise in mobile web traffic increasing demand for responsive, dynamic web design, means that all web developers need to update their skills—and this book is your ideal resource for quick, relevant guidance. Get up to date with ECMAScript 6 and 7, new frameworks, and new libraries Delve into web animation, emerging APIs, and build systems Test more effectively with mocks, unit tests, functional tests, and other tools Plan your builds for future ES releases Even if you think you know JavaScript, new ES releases bring big changes that will affect the way you work. For a professional-level update that doesn't waste time on coding fundamentals, Professional JavaScript for Web Developers is the ultimate resource to bring you up to speed.

Pro PHP and jQuery

Take advantage of the improved performance and reduced memory requirements of PHP version 7, and learn to utilize the new built-in PHP functions and features such as typed variable enforcement with declare(strict_types=1) and the new available data types, scalar type declarations for function arguments and return statements, constant arrays using define(), argument unpacking with the ... operator, integer division with intdiv(), the null coalesce operator, the spaceship operator, new exception types, and improvements to existing features. Pro PHP and jQuery, Second Edition is for intermediate level programmers interested in building web applications using jQuery and PHP. Updated for PHP version 7 and the latest version of jQuery, this book teaches some advanced PHP techniques and it shows you how to take your dynamic applications to the next level by adding a JavaScript layer using the jQuery framework and APIs. After reading and using this book, you'll come away having built a fully functional PHP and jQuery web application that you can reapply as a template for your own particular web application. Pro PHP and jQuery, Second Edition is for intermediate level programmers interested in building web applications using jQuery and PHP. Updated for PHP version 7 and the latest version of jQuery, this book teaches some advanced PHP techniques and it shows you how to take your dynamic applications to the next level by adding a JavaScript layer using the jQuery framework and APIs, considered the most popular JavaScript libraries. After reading and using this book, you'll come away understanding a fully functional PHP using jQuery web application case study that you can reapply as a template for your own particular web application. Moreover, from PHP 7, you'll get uniform variable syntax, the AST-based compilation process, the added Closure::call(), bitwise shift consistency across platforms, the (null coalesce) operator, Unicode codepoint escape syntax, return type declarations, and new and easier extensions development with support for redis, MongoDB and much more.

Javascript and Jquery

jQuery was written to express, in short-order, the concepts essential to intermediate and advanced jQuery development. Its purpose is to instill in you, the reader, practices that jQuery developers take as common knowledge. Each chapter contains concepts essential to becoming a seasoned jQuery developer. This book is intended for two types of readers. The first is someone who has read introductory material on jQuery and is

looking for the next logical step. The second type of reader is a JavaScript developer, already versed in another library, now trying to quickly learn jQuery. I crafted this book to be used as my own personal reference point for jQuery concepts. This is exactly the type of book I wish every JavaScript library had available. This updated and expanded second edition of Book provides a user-friendly introduction to the subject, Taking a clear structural framework, it guides the reader through the subject's core elements. A flowing writing style combines with the use of illustrations and diagrams throughout the text to ensure the reader understands even the most complex of concepts. This succinct and enlightening overview is a required reading for all those interested in the subject . We hope you find this book useful in shaping your future career & Business.

Professional JavaScript for Web Developers

Dispels the myth that JavaScript is a \"baby\" language and demonstrates why it is the scripting language of choice used in the design of millions of Web pages and server-side applications Quickly covers JavaScript basics and then moves on to more advanced topics such as object-oriented programming, XML, Web services, and remote scripting Addresses the many issues that Web application developers face, including internationalization, security, privacy, optimization, intellectual property issues, and obfuscation Builds on the reader's basic understanding of HTML, CSS, and the Web in general This book is also available as part of the 4-book JavaScript and Ajax Wrox Box (ISBN: 0470227818). This 4-book set includes: Professional JavaScript for Web Developers (ISBN: 0764579088) Professional Ajax 2nd edition (ISBN: 0470109491) Professional Web 2.0 Programming (ISBN: 0470087889) Professional Rich Internet Applications: Ajax and Beyond (ISBN: 0470082801)

JavaScript and JQuery - Interactive Front-End Web Development

JavaScript and jQuery - Interactive Front-End Web Development is the ultimate guide for web developers who want to master the art of building outstanding websites. This comprehensive book covers the latest frameworks, tools, and best practices to help readers create rich, engaging, and interactive websites that work seamlessly across all platforms. Whether you are a seasoned developer or just starting out, this book is the perfect resource for learning how to optimize code, design responsive layouts, and unleash the full potential of the web. With easy-to-follow examples and expert tips, this book is a must-have for anyone who wants to take their web development skills to the next level.

JavaScript & JQuery

Provides information on creating Web applications with JavaScript and the jQuery library of code.

JavaScript: The Good Parts

Most programming languages contain good and bad parts, but JavaScript has more than its share of the bad, having been developed and released in a hurry before it could be refined. This authoritative book scrapes away these bad features to reveal a subset of JavaScript that's more reliable, readable, and maintainable than the language as a whole—a subset you can use to create truly extensible and efficient code. Considered the JavaScript expert by many people in the development community, author Douglas Crockford identifies the abundance of good ideas that make JavaScript an outstanding object-oriented programming language—ideas such as functions, loose typing, dynamic objects, and an expressive object literal notation. Unfortunately, these good ideas are mixed in with bad and downright awful ideas, like a programming model based on global variables. When Java applets failed, JavaScript became the language of the Web by default, making its popularity almost completely independent of its qualities as a programming language. In JavaScript: The Good Parts, Crockford finally digs through the steaming pile of good intentions and blunders to give you a detailed look at all the genuinely elegant parts of JavaScript, including: Syntax Objects Functions Inheritance Arrays Regular expressions Methods Style Beautiful features The real beauty? As you move ahead with the subset of JavaScript that this book presents, you'll also sidestep the need to unlearn all the bad parts. Of course, if you want to find out more about the bad parts and how to use them badly, simply consult any other JavaScript book. With JavaScript: The Good Parts, you'll discover a beautiful, elegant, lightweight and highly expressive language that lets you create effective code, whether you're managing object libraries or just trying to get Ajax to run fast. If you develop sites or applications for the Web, this book is an absolute must.

Beginning Web Programming with HTML, XHTML, and CSS

What is this book about? Beginning Web Programming with HTML, XHTML, and CSS teaches you how to write Web pages using HTML, XHTML, and CSS. It follows standards-based principles, but also teaches readers ways around problems they are likely to face using (X)HTML. While XHTML is the \"current\" standard, the book still covers HTML because many people do not yet understand that XHTML is the official successor to HTML, and many readers will still stick with HTML for backward compatibility and simpler/informal Web pages that don't require XHTML compliance. The book teaches basic principles of usability and accessibility along the way, to get users into the mode of developing Web pages that will be

available to as many viewers as possible from the start. The book also covers the most commonly used programming/scripting language — JavaScript — and provides readers with a roadmap of other Web technologies to learn after mastering this book to add more functionality to their sites.

Beginning JavaScript

What is this book about? JavaScript is the language of the Web. Used for programming all major browsers, JavaScript gives you the ability to enhance your web site by creating interactive, dynamic, and personalized pages. Our focus in this book is on client-side scripting, but JavaScript is also hugely popular as a scripting language in server-side environments, a subject that we cover in later chapters. What does this book cover? Beginning JavaScript assumes no prior knowledge of programming languages, but will teach you all the fundamental concepts that you need as you progress. After covering the core JavaScript language, you'll move on to learn about more advanced techniques, including Dynamic HTML, using cookies, debugging techniques, and server-side scripting with ASP. By the end of this book, you will have mastered the art of using JavaScript to create dynamic and professional-looking web pages. Here are a few of the things you'll learn in this book: Fundamental programming concepts Comprehensive practical tutorial in JavaScript Cross-browser scripting, including Netscape 6 Cookie creation and use Plug-ins and ActiveX controls Dynamic HTML Scripting the W3C DOM Server-side JavaScript with ASP Who is this book for? This book is for anyone who wants to learn JavaScript. You will need a very basic knowledge of HTML, but no prior programming experience is necessary. Whether you want to pick up some programming skills, or want to find out how to transfer your existing programming knowledge to the Web, then this book is for you. All you need is a text editor (like Notepad) and a browser, and you're ready to go!

JavaScript for Absolute Beginners

If you are new to both JavaScript and programming, this hands-on book is for you. Rather than staring blankly at gobbledygook, you'll explore JavaScript by entering and running hundreds of code samples in Firebug, a free JavaScript debugger. Then in the last two chapters, you'll leave the safety of Firebug and hand-code an uber cool JavaScript application in your preferred text editor. Written in a friendly, engaging narrative style, this innovative JavaScript tutorial covers the following essentials: Core JavaScript syntax, such as value types, operators, expressions, and statements provided by ECMAScript. Features for manipulating XHTML, CSS, and events provided by DOM. Object-oriented JavaScript, including prototypal and classical inheritance, deep copy, and mixins. Closure, lazy loading, advance conditional loading, chaining, currying, memoization, modules, callbacks, recursion, and other powerful function techniques. Encoding data with JSON or XML. Remote scripting with JSON-P or XMLHttpRequest Drag-and-drop, animated scrollers, skin swappers, and other cool behaviors. Optimizations to ensure your scripts run snappy. Formatting and naming conventions to prevent you from looking like a greenhorn. New ECMAScript 5, DOM 3, and HTML 5 features such as Object.create(), Function.prototype.bind(), strict mode, querySelector(), querySelectorAll(), and getElementsByClassName(). As you can see, due to its fresh approach, this book is by no means watered down. Therefore, over the course of your journey, you will go from JavaScript beginner to wizard, acquiring the skills recruiters desire.

HTML & CSS: The Complete Reference, Fifth Edition

The Definitive Guide to HTML & CSS--Fully Updated Written by a Web development expert, the fifth edition of this trusted resource has been thoroughly revised and reorganized to address HTML5, the revolutionary new Web standard. The book covers all the elements supported in today's Web browsers--from the standard (X)HTML tags to the archaic and proprietary tags that may be encountered. HTML & CSS: The Complete Reference, Fifth Edition contains full details on CSS 2.1 as well as every proprietary and emerging CSS3 property currently supported. Annotated examples of correct markup and style show you how to use all of these technologies to build impressive Web pages. Helpful appendixes cover the syntax of character entities, fonts, colors, and URLs. This comprehensive reference is an essential tool for professional Web developers. Master transitional HTML 4.01 and XHTML 1.0 markup Write emerging standards-based markup with HTML5 Enhance presentation with Cascading Style Sheets (CSS1 and CSS 2.1) Learn proprietary and emerging CSS3 features Learn how to read (X)HTML document type definitions (DTDs) Apply everything in an open standards-focused fashion Thomas A. Powell is president of PINT, Inc. (pint.com), a nationally recognized Web agency. He developed the Web Publishing Certificate program for the University of California, San Diego Extension and is an instructor for the Computer Science Department at UCSD. He is the author of the previous bestselling editions of this book and Ajax: The Complete Reference, and co-author of JavaScript: The Complete Reference.

Learning jQuery

Get started fast with jQuery web programming The jQuery JavaScript library greatly simplifies the creation of modern, rich web applications, while seamlessly integrating with virtually all leading web development platforms and frameworks. Learning jQuery will guide you through using jQuery, jQuery UI, and jQuery Mobile in your own projects. One step at a time, you'll learn how to do everything from adding simple effects through building complete rich Internet applications. This code-rich tutorial is designed for every working web developer. After clearly explaining all the basics, Ralph Steyer shows how to apply jQuery to create

effects, animations, slideshows, lists, drag-and-droppable elements, interactive forms, and much more. If you're a web developer with even basic JavaScript experience, Learning jQuery is your fastest route to success with jQuery • Discover what jQuery can do, and how it works with JavaScript and DOM • Select components to support dynamic processes • Manipulate web page content and structure • Apply and change formatting with CSS style sheets through jQuery • Handle complex events more effectively and reliably • Generate time-dependent and time-independent CSS effects • Expand jQuery's capabilities with plug-ins • Use jQuery to create simpler, better, more powerful AJAX code • Master powerful, flexible jQuery UI plug-ins for visual control and user interaction • Simplify the creation of jQuery UI interfaces with ThemeRoller • Master basic rules for successfully working with components and widgets • Construct touch-enabled mobile front ends with jQuery Mobile

HTML5 and JavaScript Projects

Build on your basic knowledge of HTML5 and JavaScript to create substantial HTML5 applications. Through the many interesting projects you can create in this book, you'll develop HTML5 skills for future projects, and extend the core skills you may have learned with its companion book, The Essential Guide to HTML5. HTML5 and JavaScript Projects is fully updated as a second edition and covers important programming techniques and HTML, CSS, and JavaScript features to help you build projects with images, animation, video, audio and line drawings. You'll learn how to build games, quizzes and other interactive projects; incorporate the use of the Google Maps API and localStorage; and address the challenges of Responsive Design and Accessibility. Each project starts out with a description of the example's operation, often with full-color illustrations. You'll then review the HTML5 and JavaScript concepts that relate to the project followed by a step-by-step explanation of the programming used. Tables are used to show the relationship of functions and provide comments for each line of code so that you can easily apply the techniques to your own HTML5 projects. What You'll Learn Enhance your HTML5 and JavaScript programming skills. Poduce applications combining Canvas drawings, photos, and videos Incorporate Google Maps and geolocation into your projects Build applications requiring persistent data, storing the information locally or on a database on the server Who This Book Is For Developers who have some knowledge of programming and want to build more substantial applications by combining basic features and combining JavaScript with other technologies.

Eloquent JavaScript, 3rd Edition

Completely revised and updated, this best-selling introduction to programming in JavaScript focuses on writing real applications. JavaScript lies at the heart of almost every modern web application, from social apps like Twitter to browser-based game frameworks like Phaser and Babylon. Though simple for beginners to pick up and play with, JavaScript is a flexible, complex language that you can use to build full-scale applications. This much anticipated and thoroughly revised third edition of Eloquent JavaScript dives deep into the JavaScript language to show you how to write beautiful, effective code. It has been updated to reflect the current state of JavaScript and web browsers and includes brand-new material on features like class notation, arrow functions, iterators, async functions, template strings, and block scope. A host of new exercises have also been added to test your skills and keep you on track. As with previous editions, Haverbeke continues to teach through extensive examples and immerses you in code from the start, while exercises and full-chapter projects give you hands-on experience with writing your own programs. You start by learning the basic structure of the JavaScript language as well as control structures, functions, and data structures to help you write basic programs. Then you'll learn about error handling and bug fixing, modularity, and asynchronous programming before moving on to web browsers and how JavaScript is used to program them. As you build projects such as an artificial life simulation, a simple programming language, and a paint program, you'll learn how to: - Understand the essential elements of programming, including syntax, control, and data - Organize and clarify your code with object-oriented and functional programming techniques - Script the browser and make basic web applications - Use the DOM effectively to interact with browsers - Harness Node.js to build servers and utilities Isn't it time you became fluent in the language of the Web? * All source code is available online in an interactive sandbox, where you can edit the code, run it, and see its output instantly.

JavaScript: The Definitive Guide

For web developers and other programmers interested in using JavaScript, this bestselling book provides the most comprehensive JavaScript material on the market. The seventh edition represents a significant update, with new information for ECMAScript 2020, and new chapters on language-specific features. JavaScript: The Definitive Guide is ideal for experienced programmers who want to learn the programming language of the web, and for current JavaScript programmers who want to master it.

Professional XMPP Programming with JavaScript and jQuery

Create real-time, highly interactive apps quickly with the powerful XMPP protocol XMPP is a robust protocol used for a wide range of applications, including instant messaging, multi-user chat, voice and video conferencing, collaborative spaces, real-time gaming, data synchronization, and search. This book teaches you how to harness the power of XMPP in your own apps and presents you with all the tools you need to

build the next generation of apps using XMPP or add new features to your current apps. Featuring the JavaScript language throughout and making use of the jQuery library, the book contains several XMPP apps of increasing complexity that serve as ideal learning tools. Coverage Includes: Getting to Know XMPP Designing XMPP Applications Saying Hello: The First Application Exploring the XMPP Protocol: A Debugging Console Microblogging in Real Time: An Identica Client Talking with Friends: One-on-One Chat Exploring Services: Service Discovery and Browsing Group Chatting: A Multi-User Chat Client Publishing and Subscribing: A Shared Sketch Pad Introduction Writing with Friends: A Collaborative Text Editor Playing Games: Head to Head Tic-Tac-Toe Getting Attached: Bootstrapping BOSH Deploying XMPP Applications Writing Strophe Plug-ins Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

A Smarter Way to Learn JavaScript

JavaScript was written to give readers an accurate, concise examination of JavaScript objects and their supporting nuances, such as complex values, primitive values, scope, inheritance, the head object, and more. If you're an intermediate JavaScript developer and want to solidify your understanding of the language, or if you've only used JavaScript beneath the mantle of libraries such as jQuery or Prototype, this is the book for you. This updated and expanded second edition of Book provides a user-friendly introduction to the subject, Taking a clear structural framework, it guides the reader through the subject's core elements. A flowing writing style combines with the use of illustrations and diagrams throughout the text to ensure the reader understands even the most complex of concepts. This succinct and enlightening overview is a required reading for all those interested in the subject . We hope you find this book useful in shaping your future career & Business.

Front-End Back-End Development with HTML, CSS, JavaScript, jQuery, PHP, and MySQL

A three-book set for web designers, front-end developers, and full-stack developers This three-book set combines the popular titles HTML & CSS: Designing and Building Web Sites JavaScript & jQuery: Interactive Front-End Development PHP & MySQL: Server-side Web Development Together these three books form an ideal platform for anyone who wants to master HTML and CSS, step up to the additional front-end interactivity possible with JavaScript and jQuery, and build back-ends with features like content management and membership using PHP and MySQL. In combination, these skills are commonly referred to as “full-stack development” HTML & CSS covers structure, text, links, images, tables, forms, useful options, adding style with CSS, fonts, colors, thinking in boxes, styling lists and tables, layouts, grids, and even SEO, Google analytics, ftp, and HTML5. JavaScript & jQuery offers an excellent combined introduction to these two technologies starting from how JavaScript changes an HTML page’s code and progressing to creating interactivity including sliders, tabbed panels, accordions, and sorting images. PHP & MySQL finishes a self-taught programmer curriculum with data-driven web sites for content management or online shops that use registration, search, sending emails, and tailoring pages to individual users. A handy three-book set that combines related skills Highly visual format and accessible language makes these books highly effective learning tools Perfect for beginning web designers, front-end developers, back-end developers, and full-stack developers Written by the best-selling author on HTML and JavaScript for the last decade

Learning Web App Development

Grasp the fundamentals of web application development by building a simple database-backed app from scratch, using HTML, JavaScript, and other open source tools. Through hands-on tutorials, this practical guide shows inexperienced web app developers how to create a user interface, write a server, build client-server communication, and use a cloud-based service to deploy the application. Each chapter includes practice problems, full examples, and mental models of the development workflow. Ideal for a college-level course, this book helps you get started with web app development by providing you with a solid grounding in the process. Set up a basic workflow with a text editor, version control system, and web browser Structure a user interface with HTML, and include styles with CSS Use JQuery and JavaScript to add interactivity to your application Link the client to the server with AJAX, JavaScript objects, and JSON Learn the basics of server-side programming with Node.js Store data outside your application with Redis and MongoDB Share your application by uploading it to the cloud with CloudFoundry Get basic tips for writing maintainable code on both client and server

A Software Engineer Learns HTML5, JavaScript and JQuery

"A Software Engineer Learns HTML5, JavaScript and jQuery guides you through the process I went through as an experienced software engineer, writing a large-scale, standards based web-application for the first time. It is intended to teach you the fundamentals of HTML5, JavaScript and jQuery - without presenting you with long lists of APIs, or intricate details of every feature (these can be found in reference manuals)." -- Amazon.com viewed July 29, 2020.

Front-End Reactive Architectures

Learn how to use reactive architectures on the front-end. There are many technologies using a reactive approach on the back end, but this book teaches you how the reactive manifesto can be used to benefit your front-end programming as well. You will discover what reactive programming is, what the current front-end ecosystem looks like, and how to use a range of frameworks and libraries. You will also apply specific reactive architectures in your own projects. Each concept is taught with a mix of technical explanations and real-world code implementations. The future of front-end programming and architecture is reactive – don't get left behind: Add Front-End Reactive Architectures to your library today. What You'll Learn Understand when and why you should use a reactive architecture Apply a specific reactive architecture in a project Manage different reactive architectures Who This Book Is For Mid-senior front-end developers, tech leads, and solutions architects

Learn to Code HTML and CSS

HTML and CSS can be a little daunting at first but fear not. This book, based on Shay Howe's popular workshop covers the basics and breaks down the barrier to entry, showing readers how they can start using HTML and CSS through practical techniques today. They'll find accompanying code examples online, while they explore topics such as the different structures of HTML and CSS, and common terms. After establishing a basic understanding of HTML and CSS a deeper dive is taken into the box model and how to work with floats. The book includes an exercise focused on cleaning up a web page by improving the user interface and design, solely using HTML and CSS. With a few quick changes the web page changes shape and comes to life. Interactive, technically up-to-the-minute and easy-to-understand, this book will advance a student's skills to a professional level.

Beginning JavaScript and CSS Development with jQuery

This book covers the jQuery JavaScript framework and the jQuery UI JavaScript framework to get more results faster out of JavaScript programming. The author covers each method exposed by jQuery's API, which contains methods to resolve common, redundant tasks in less code. You will also learn how jQuery eliminates certain cross-browser, cross-platform development headaches like the event model. In addition to giving you the ability to simulate events, this book also helps simplify your work with events by reducing the amount of code that you need to write to attach events.

Head First JQuery

Explains how to build complex scripting functionality with minimal coding, providing coverage of functions ranging from incorporating Ajax apps and overcoming the limits of HTML and CSS to building plug-ins and using animation. Original.

JavaScript & JQuery: The Missing Manual

JavaScript lets you supercharge your web pages with animation, interactivity, and visual effects, but learning the language isn't easy. This fully updated and expanded guide takes you step-by-step through JavaScript basics, then shows you how to save time and effort with jQuery--the library of prewritten JavaScript code--and the newest innovations from the jQuery UI plug-in.

Murach's JavaScript and Jquery (4th Edition)

If you're developing websites, you have to know JavaScript. There's no way around it today. And this latest edition of Murach's popular book teaches you how to code modern JavaScript that conforms to the ECMAScript standards, the way the pros do. At the same time, it teaches you how to use jQuery, the classic JavaScript library, to handle the DOM scripting that gives JavaScript so much of its power. And it works no matter whether you're a web designer who's coming from a background in HTML and CSS or a server-side programmer who's coded in languages like PHP, C#, Java, and Python.

Web Development Recipes

Modern web development is so much more than just HTML and CSS with a little JavaScript mixed in. People want faster, more usable interfaces that work on multiple devices, and you need the latest tools and techniques to make that happen. This book gives you over 40 concise solutions to today's web development problems, and introduces new solutions that will expand your skill set--proven, practical advice from authors who use these tools and techniques every day. In this completely updated edition, you'll find innovative new techniques and workflows, as well as reworked solutions that take advantage of new developments. Web development is constantly changing, and you need to stay on top of your game. Discover a wide spectrum of web development techniques, from how to improve the way you present content, to

solutions for data analysis, testing, and deployment. In this edition we introduce new tools, add new recipes, and modernize old ones. You'll use Vagrant to automate server setup, and you'll discover new ways to develop blogs and static sites. You'll learn how to use Grunt to script the deployment of your web project, and use Angular to build a single-page app. You'll learn how to make content stand out with simple cross-browser styles; create animations that work well everywhere without plugins; and create lightweight, responsive layouts. We'll show you how to use preprocessors like CoffeeScript and Sass; write tests for your code; use Git and Dropbox to collaborate; configure and secure the Apache web server; use virtualization to set up your own servers automatically; and much more. Whether you're new to front-end development, or you've got a few years of experience, you'll become a more versatile developer by finding out how---and why---to use these solutions in your next project. What You Need: Your favorite text editor, the most current version of Mozilla Firefox, Internet Explorer, Google Chrome or Safari, and a working knowledge of HTML and JavaScript. Familiarity with command-line interfaces is a plus.

High Performance JavaScript

If you're like most developers, you rely heavily on JavaScript to build interactive and quick-responding web applications. The problem is that all of those lines of JavaScript code can slow down your apps. This book reveals techniques and strategies to help you eliminate performance bottlenecks during development. You'll learn how to improve execution time, downloading, interaction with the DOM, page life cycle, and more. Yahoo! frontend engineer Nicholas C. Zakas and five other JavaScript experts—Ross Harmes, Julien Lecomte, Steven Levithan, Stoyan Stefanov, and Matt Sweeney—demonstrate optimal ways to load code onto a page, and offer programming tips to help your JavaScript run as efficiently and quickly as possible. You'll learn the best practices to build and deploy your files to a production environment, and tools that can help you find problems once your site goes live. Identify problem code and use faster alternatives to accomplish the same task Improve scripts by learning how JavaScript stores and accesses data Implement JavaScript code so that it doesn't slow down interaction with the DOM Use optimization techniques to improve runtime performance Learn ways to ensure the UI is responsive at all times Achieve faster client-server communication Use a build system to minify files, and HTTP compression to deliver them to the browser

Connecting Arduino to the Web

Create physical interfaces that interact with the Internet and web pages. With Arduino and JavaScript you can create interactive physical displays and connected devices that send data to or receive data from the web. You'll take advantage of the processes needed to set up electronic components, collect data, and create web pages able to interact with electronic components. Through exercises, projects, and explanations, this book will give you the core front end web development and electronics skills needed to create connected physical interfaces and build compelling visualizations with a range of JavaScript libraries. By the end of the book you will have developed fully working interactive prototypes capable of sending data to and receiving data from a physical interface. Most importantly, Connecting Arduino to the Web will give you a taste of what is possible and the knowledge to create your own connected physical interfaces and bring the web into your electronics projects. What You'll Learn Build an Internet of Things dashboard that updates with electronics attached to an Arduino Use components to interact with online 3D displays Create web pages with HTML and CSS Set up a Node.js server Use WebSockets to process live data Interact with scalable vector graphics (SVG) Who This Book Is For Technologists, developers, and enthusiasts looking to extend their skills, be able to develop physical prototypes with connected devices, and with an interest in getting started with IoT. Also, those excited by the possibilities of connecting the physical and the web.

You Don't Know JS: Scope & Closures

No matter how much experience you have with JavaScript, odds are you don’t fully understand the language. This concise yet in-depth guide takes you inside scope and closures, two core concepts you need to know to become a more efficient and effective JavaScript programmer. You’ll learn how and why they work, and how an understanding of closures can be a powerful part of your development skillset. Like other books in the \"You Don’t Know JS\" series, Scope and Closures dives into trickier parts of the language that many JavaScript programmers simply avoid. Armed with this knowledge, you can achieve true JavaScript mastery. Learn about scope, a set of rules to help JavaScript engines locate variables in your code Go deeper into nested scope, a series of containers for variables and functions Explore function- and block-based scope, “hoisting”, and the patterns and benefits of scope-based hiding Discover how to use closures for synchronous and asynchronous tasks, including the creation of JavaScript libraries

Learning JQuery 1.3

This book begins with a tutorial to jQuery, followed by an examination of common, real-world client-side problems, and solutions to each of them making it an invaluable resource for answers to all your jQuery questions. This book is for web designers who want to create interactive elements for their designs, and for developers who want to create the best user interface for their web applications. Basic JavaScript programming knowledge is required. You will need to know the basics of HTML and CSS, and should be comfortable with the syntax of JavaScript. No knowledge of jQuery is assumed, nor is experience with any

other JavaScript libraries required.

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