

Advanced Html5 And Css3 Specialist

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[Dreamweaver CC Digital Classroom](#) - Michael Arguin 2013-08-12

Learn Adobe Dreamweaver CC with this full-color book and DVD training package You may be eager to learn how to use Adobe Dreamweaver CC (Creative Cloud) to create great websites, but you'd like to tackle it at your own speed. If so, this book-and-DVD learning combo is perfect for you. More than 16 lessons, each including step-by-step instructions and lesson files backed by video tutorials, guide you smoothly through website design to implementation to maintenance, helping you build solid skills at your own pace. It's like having your own personal Dreamweaver instructor at your side. • Combines a full-color, step-by-step instructional print book along with lesson files and video training on DVD, to teach readers how to use Adobe Dreamweaver CC • Provides thorough training from a team of expert instructors from American Graphics Institute (AGI) • Covers essential topics such as applying style sheets, using dynamic HTML, adding style with images and multimedia, publishing and maintaining websites, using hyperlinks to navigate, and using databases to create dynamic websites You'll be building websites, formatting web pages, and creating forms in no time with Adobe Dreamweaver CC Digital Classroom.

Note: DVD and other supplementary materials are not included as part of the e-book file, but are available for download after purchase

The CSS Anthology - Rachel Andrew 2004

Provides information on Cascading Style Sheets, covering such topics as text styling, images, tabular data, forms and user interfaces, and positioning and layout.

[MOS Study Guide for Microsoft Word Expert Exam MO-101](#) - Paul McFedries 2020-04-24

Advance your expert-level proficiency with Word. And earn the credential that proves it! Demonstrate your expert-level competency with Microsoft Word! Designed to help you practice and prepare for Microsoft Office Specialist: Word Expert (Word and Word 2019) certification, this official Study Guide delivers: In-depth preparation for each MOS objective Detailed procedures to help build the skills measured by the exam Hands-on tasks to practice what you've learned Ready-made practice files Sharpen the skills measured by these objectives: Manage Document Options and Settings Use Advanced Editing and Formatting Features Create Custom Document Elements Use Advanced Word Features About

MOS: Expert Certification A Microsoft Office Specialist (MOS): Expert certification validates your hands-on experience and competency with an Office product at an expert level. It demonstrates that you can apply the product's principal features at an advanced level, can complete expert tasks independently, and are ready to enter the job market. See full details at: microsoft.com/learn Practice Files Available at: MicrosoftPressStore.com/MOSWordExpert101/downloads
Mastering HTML5 - 2012

The Web changes everyday and, as a Web-developer, you are probably eager to keep up with the various techniques that help optimizing your workflow. This eBook: *Mastering HTML5*, explains to you the facts and myths of HTML5, shows how to use local storage on websites, teaches how to optimize images with HTML5 canvas and how to sync content with HTML5 video.

HTML5: Up and Running - Mark Pilgrim 2010-08-06

If you don't know about the new features available in HTML5, now's the time to find out. This book provides practical information about how and why the latest version of this markup language will significantly change the way you develop for the Web. HTML5 is still evolving, yet browsers such as Safari, Mozilla, Opera, and Chrome already support many of its features -- and mobile browsers are even farther ahead. *HTML5: Up & Running* carefully guides you through the important changes in this version with lots of hands-on examples, including markup, graphics, and screenshots. You'll learn how to use HTML5 markup to add video, offline capabilities, and more -- and you'll be able to put that functionality to work right away. Learn new semantic elements, such as `<h1>`, `<h2>`, and `<h3>` Meet Canvas, a 2D drawing surface you can program with JavaScript Embed video in your web pages without third-party plugins Use Geolocation to let web application visitors share their physical location Take advantage of local storage capacity that goes way beyond cookies Build offline web applications that work after network access is disconnected Learn about several new input types for web forms Create your own custom vocabularies in HTML5 with microdata

The Modern Web - Peter Gasston 2013

Provides information on Web development for multiple devices, covering such topics as structure and semantics, device APIs, multimedia, and Web apps.

CSS Pocket Reference - Eric A. Meyer 2011-07-12

When you're working with CSS and need a quick answer, *CSS Pocket Reference* delivers. This handy, concise book provides all of the essential information you need to implement CSS on the fly. Ideal for intermediate to advanced web designers and developers, the 4th edition is revised and updated for CSS3, the latest version of the Cascading Style Sheet specification. Along with a complete alphabetical reference to CSS3 selectors and properties, you'll also find a short introduction to the key concepts of CSS. Based on *Cascading Style Sheets: The Definitive Guide*, this reference is an easy-to-use cheatsheet of the CSS specifications you need for any task at hand. This book helps you: Quickly find and adapt the style elements you need Learn how CSS3 features complement and extend your CSS practices Discover new value types and new CSS selectors Implement drop shadows, multiple backgrounds, rounded corners, and border images Get new information about transforms and transitions

Professional jQuery - Cesar Otero 2012-03-20

jQuery is one of the hottest emerging web development technologies. Fully supported by Microsoft, Google, and a who's who list of companies and platforms, it simplifies the development of standards-based interactive websites. This book provides a complete, in-depth look at jQuery and related technologies, providing you with a single source of all the information you need to maximize your web development skills. As the book progresses, it delves deeper into other topics, providing lessons and examples to accomplish tasks common to both basic and advanced web development techniques.

From Tool to Partner - JONATHAN GRUDIN 2022-05-31

This is the first comprehensive history of human-computer interaction (HCI). Whether you are a user-experience professional or an academic researcher, whether you identify with computer science, human factors, information systems, information science, design, or communication, you

can discover how your experiences fit into the expanding field of HCI. You can determine where to look for relevant information in other fields—and where you won't find it. This book describes the different fields that have participated in improving our digital tools. It is organized chronologically, describing major developments across fields in each period. Computer use has changed radically, but many underlying forces are constant. Technology has changed rapidly, human nature very little. An irresistible force meets an immovable object. The exponential rate of technological change gives us little time to react before technology moves on. Patterns and trajectories described in this book provide your best chance to anticipate what could come next. We have reached a turning point. Tools that we built for ourselves to use are increasingly influencing how we use them, in ways that are planned and sometimes unplanned. The book ends with issues worthy of consideration as we explore the new world that we and our digital partners are shaping.

HTML5 Hacks - Jesse Cravens 2012-11-15

With 90 detailed hacks, expert web developers Jesse Cravens and Jeff Burtoft demonstrate intriguing uses of HTML5-related technologies. Each recipe provides a clear explanation, screenshots, and complete code examples for specifications that include Canvas, SVG, CSS3, multimedia, data storage, web workers, WebSockets, and geolocation. You'll also find hacks for HTML5 markup elements and attributes that will give you a solid foundation for creative recipes that follow. The last chapter walks you through everything you need to know to get your HTML5 app off the ground, from Node.js to deploying your server to the cloud. Here are just a few of the hacks you'll find in this book: Make iOS-style card flips with CSS transforms and transitions Replace the background of your video with the Canvas tag Use Canvas to create high-res Retina Display-ready media Make elements on your page user-customizable with editable content Cache media resources locally with the filesystem API Reverse-geocode the location of your web app user Process image data with pixel manipulation in a dedicated web worker Push notifications to the browser with Server-Sent Events

[HTML5 BLACK BOOK:COVERS CSS3,JAVASCRIPT,XML,XHTML,AJAX,PHP AND](#)

[JQUERY \(With CD \)](#) - Kogent Learning Solutions Inc. 2011-07-01

Special Features: · Learn the fundamentals of HTML· Work with control flow statements· Organize text in HTML· Work with text, links, URLs , and tables in HTML· Use images, colors, and canvas· Create forms in Web pages· Use interactive and multimedia elements· Explore functions, events, image maps, and animations in JavaScript· Explore language and browser objects in JavaScript· Explore the document object and Document Object Model (DOM)· Explore validations, errors, and exception handling in JavaScript· Explore backgrounds and color gradients in CSS· Explore fonts and text styles in CSS· Create boxes and columns using CSS· Explore list styles and table layouts in CSS· Explore pseudo-classes and pseudo-elements· Create effects and frames in CSS· Explore XML, XSLT, XPath, XLink, and Xpointer· Explore the fundamentals of AJAX· Implement various AJAX frameworks· Work with ASP.NET· Integrate PHP and AJAX· Consume Web services using AJAX· Work with jQuery About The Book: HTML5 Black Book is the one-time reference book, written from the Web professional's point of view, containing hundreds of examples and covering nearly every aspect of HTML5. It will help you to master various Web technologies, other than HTML5, including CSS3, JavaScript, XML, and AJAX. If you are a Web designer or developer, then this book is your introduction to new features and elements of HTML5, including audio and video media elements, the canvas element for drawing, and many others. In this book, you will learn how to use HTML5 and other Web technologies in the latest versions of modern browsers to develop Web applications.

CSS Mastery - Andy Budd 2016-07-26

Fully updated to the latest CSS modules, make the journey to CSS mastery as simple and painless as possible. This book dives into advanced aspects of CSS-based design, such as responsive design, modular CSS, and CSS typography. Through a series of easy-to-follow tutorials, you will learn practical CSS techniques you can immediately start using in your daily work. CSS Mastery: Advanced Web Standards Solutions is your indispensable guide to cutting-edge CSS development—this book demystifies the secrets of CSS. While CSS is a relatively simple technology to learn, it is a difficult one to master. When you first start developing

sites using CSS, you will come across all kinds of infuriating browser bugs and inconsistencies. It sometimes feels like there are a million and one different techniques to master, spread across a bewildering array of websites. The range of possibilities seems endless and makes for a steep and daunting learning curve. While most books concentrate on basic skills, this one is different, assuming that you already know the basics and why you should be using CSS in your work, and concentrating mainly on advanced techniques. This new edition covers all of the CSS fundamentals such as the importance of meaningful markup, how to structure and maintain your code, and how the CSS layout model really works. This new edition contains: New examples and updated browser support information Full coverage of modular CSS and responsive design Essential information on CSS typography and layout control What You'll Learn Discover the best practice concepts in CSS design Master the most important (and tricky) parts of CSS Identify and fix the most common CSS problems Deal with the most common bugs See the latest information on CSS features and support Who This Book Is For Intermediate and advanced web designers and developers. It offers a quick recap of the main points of CSS, while dispelling some common myths, but then moves forward to delve into the higher-level aspects of CSS. It contains fully up-to-date information throughout, and acts as a one-stop-shop for current CSS best practices.

Web Programming with HTML5, CSS, and JavaScript - John Dean 2018-01-09

Web Programming with HTML5, CSS, and JavaScript is written for the undergraduate, client-side web programming course. It covers the three client-side technologies (HTML5, CSS, and JavaScript) in depth, with no dependence on server-side technologies.

JavaScript Bible - Danny Goodman 2010-09-23

The bestselling JavaScript reference, now updated to reflect changes in technology and best practices As the most comprehensive book on the market, the JavaScript Bible is a classic bestseller that keeps you up to date on the latest changes in JavaScript, the leading technology for incorporating interactivity into Web pages. Part tutorial, part reference, this book serves as both a learning tool for building new JavaScript skills

as well as a detailed reference for the more experienced JavaScript user. You'll get up-to-date coverage on the latest JavaScript practices that have been implemented since the previous edition, as well as the most updated code listings that reflect new concepts. Plus, you'll learn how to apply the latest JavaScript exception handling and custom object techniques. Coverage includes: JavaScript's Role in the World Wide Web and Beyond Developing a Scripting Strategy Selecting and Using Your Tools JavaScript Essentials Your First JavaScript Script Browser and Document Objects Scripts and HTML Documents Programming Fundamentals Window and Document Objects Forms and Form Elements Strings, Math, and Dates Scripting Frames and Multiple Windows Images and Dynamic HTML The String Object The Math, Number, and Boolean Objects The Date Object The Array Object JSON - Native JavaScript Object Notation E4X - Native XML Processing Control Structures and Exception Handling JavaScript Operators Function Objects and Custom Objects Global Functions and Statements Document Object Model Essentials Generic HTML Element Objects Window and Frame Objects Location and History Objects Document and Body Objects Link and Anchor Objects Image, Area, Map, and Canvas Objects Event Objects Practical examples of working code round out this new edition and contribute to helping you learn JavaScript quickly yet thoroughly.

HTML5 & CSS3 for the Real World - Alexis Goldstein 2011

Presents information on using HTML and CSS to create Web pages, covering such topics as HTML5 forms, audio and video, embedded fonts, gradients, transitions, and offline Web apps.

Multimedia Demystified - Jennifer Coleman Dowling 2011-12-22

Learn cutting-edge MULTIMEDIA skills! Discover how to create impressive multimedia projects using state-of-the-art tools and techniques.

Multimedia Demystified is filled with information on the latest technologies, as well as design and production guidelines. This practical guide provides a background on multimedia and then delves into the elements that make up a successful multimedia project. You'll learn about software and hardware tools, digital photography, sound editing, web authoring with HTML, vector graphics, file formats, computer animation,

and much more. Detailed examples and concise explanations make it easy to understand the material, and end-of-chapter quizzes and a final exam help reinforce key concepts. It's a no-brainer! You'll learn about: Graphics, images, text, and typography 2D and 3D animation Music, sound effects, and video Authoring for multimedia functionality Software and hardware Delivering the final project to the intended audience Simple enough for a beginner, but challenging enough for an advanced student, Multimedia Demystified helps you master this marketable skill.

You Don't Know JS: this & Object Prototypes - Kyle Simpson 2014-07-11

No matter how much experience you have with JavaScript, odds are you don't fully understand the language. This concise, in-depth guide takes you inside JavaScript's this structure and object prototypes. You'll learn how they work and why they're integral to behavior delegation—a design pattern in which objects are linked, rather than cloned. Like other books in the “You Don't Know JS” series, this and Object Prototypes dives into trickier parts of the language that many JavaScript programmers simply avoid. Armed with this knowledge, you can become a true JavaScript master. With this book you will: Explore how the this binding points to objects based on how the function is called Look into the nature of JS objects and why you'd need to point to them Learn how developers use the mixin pattern to fake classes in JS Examine how JS's prototype mechanism forms links between objects Learn how to move from class/inheritance design to behavior delegation Understand how the OLOO (objects-linked-to-other-objects) coding style naturally implements behavior delegation

Responsive Web Design with HTML5 and CSS - Ben Frain 2020-04-30

Publisher's note: To make use of the most recent CSS and HTML features, a new, fully revised fourth edition of this book is now available, updated for 2022. Key Features Understand what responsive web design is and its significance for modern web development Explore the latest developments in responsive web design including variable fonts, CSS Scroll Snap, and more Get to grips with the uses and benefits of the new CSS Grid layout Book Description Responsive Web Design with HTML5 and CSS, Third Edition is a renewed and extended version of one of the most

comprehensive and bestselling books on the latest HTML5 and CSS tools and techniques for responsive web design. Written in the author's signature friendly and informal style, this edition covers all the newest developments and improvements in responsive web design including better user accessibility, variable fonts and font loading, CSS Scroll Snap, and much, much more. With a new chapter dedicated to CSS Grid, you will understand how it differs from the Flexbox layout mechanism and when you should use one over the other. Furthermore, you will acquire practical knowledge of SVG, writing accessible HTML markup, creating stunning aesthetics and effects with CSS, applying transitions, transformations, and animations, integrating media queries, and more. The book concludes by exploring some exclusive tips and approaches for front-end development from the author. By the end of this book, you will not only have a comprehensive understanding of responsive web design and what is possible with the latest HTML5 and CSS, but also the knowledge of how to best implement each technique. What you will learn Integrate CSS media queries into your designs; apply different styles to different devices Load different sets of images depending upon screen size or resolution Leverage the speed, semantics, and clean markup of accessible HTML patterns Implement SVGs into your designs to provide resolution-independent images Apply the latest features of CSS like custom properties, variable fonts, and CSS Grid Add validation and interface elements like date and color pickers to HTML forms Understand the multitude of ways to enhance interface elements with filters, shadows, animations, and more Who this book is for Are you a full-stack developer who needs to gem up on their front-end skills? Perhaps you work on the front-end and you need a definitive overview of all modern HTML and CSS has to offer? Maybe you have done a little website building but you need a deep understanding of responsive web designs and how to achieve them? This is a book for you! All you need to take advantage of this book is a working understanding of HTML and CSS. No JavaScript knowledge is needed.

Html5 for Masterminds, Revised 2nd Edition - Juan Diego Gauchat 2014-12-15

HTML5 for Masterminds leads the reader step by step to gain essential knowledge and to master complex subjects included in the HTML5 specifications. After reading this book, you will know how to structure your documents with HTML5, how to style them with CSS3 and how to work with the most powerful Javascript APIs. This book is not an introduction to HTML5 but instead a complete course that will teach you how to build compelling websites and amazing web applications from scratch. Every chapter explores basic as well as complicated concepts of HTML5, CSS3 and Javascript. Information is supported by fully functional examples to guide beginners and experts through every single tag, style and function included in the specifications. The examples are distributed throughout the book in a specific order to gradually introduce complex subjects and make them accessible to everyone. The goal of HTML5 for Masterminds is to make you familiar with the most advanced technology for the web. It was developed to prepare you for the future, and it was written for the genius inside you... for Masterminds.

Pro HTML5 with CSS, JavaScript, and Multimedia - Mark J. Collins
2017-03-14

Get ahead in HTML5, including markup, styling, and scripting, with many practical examples and best practice insights. You'll quickly understand HTML5 markup elements and when to use them, and then apply the latest CSS3 features to create amazing web pages. *Pro HTML5 with CSS, JavaScript, and Multimedia* teaches the fundamentals of client-side scripting and covers the immense functionality available with HTML5. Learn to use JavaScript to create web applications that are dynamic and interactive, and add advanced features, including audio, video, SVG, and drag and drop capabilities. Using practical hands-on demonstrations you will access a larger set of technologies to create more diverse and powerful websites and applications. What You'll Learn How, and when, to use all the HTML5 markup tags Use CSS3 features to simplify website design Master JavaScript fundamentals and advanced features Use SVG and the canvas tag to incorporate graphics/LiliLeverage the native browser support for Geolocation, IndexedDB, and drag and drop capabilities/li/uldivbWho This Book Is For/b/divdivbr/divWeb developers

and designers who want to increase their HTML5 skills to create modern interactive websitesdivbr

Interactive Journalism - Nikki Usher 2016-10-13

Interactive journalism has transformed the newsroom. Emerging out of changes in technology, culture, and economics, this new specialty uses a visual presentation of storytelling that allows users to interact with the reporting of information. Today it stands at a nexus: part of the traditional newsroom, yet still novel enough to contribute innovative practices and thinking to the industry. Nikki Usher brings together a comprehensive portrait of nothing less than a new journalistic identity. Usher provides a comprehensive history of the impact of digital technology on reporting, photojournalism, graphics, and other disciplines that define interactive journalism. Her eyewitness study of the field's evolution and accomplishments ranges from the interactive creation of Al Jazeera English to the celebrated data desk at the Guardian to the New York Times' Pulitzer-endowed efforts in the new field. What emerges is an illuminating, richly reported portrait of the people coding a revolution that may reverse the decline and fall of traditional journalism.

Advanced HTML5 and CSS3 Specialist - Susan M. Lane 2014

Essential Digital Marketing For Small Business - Simon Dunant
2014-05-11

Your business is online but where are the customers? Facebook, Twitter, Content Marketing, Blogging, Mobile? How do you keep up? This book offers practical expert advice and strategies for small business owners, independent marketers and anyone seeking to market their business better on the web. In this book you'll discover: Practical steps for using social media to bring in more business New techniques, trends and tools to market your brand online Practical insights on using content marketing to connect with new customers How to gain search engine visibility and get your business discovered online What you should be focusing on to take advantage of the mobile revolution Inside you'll also find interviews and insight from leading digital marketing experts and small business owners, helping you gain an understanding of some of the ways others

have successfully used digital marketing to increase sales and increase the exposure of their business.

[You Don't Know JS: Up & Going](#) - Kyle Simpson 2015-03-20

It's easy to learn parts of JavaScript, but much harder to learn it completely—or even sufficiently—whether you're new to the language or have used it for years. With the "You Don't Know JS" book series, you'll get a more complete understanding of JavaScript, including trickier parts of the language that many experienced JavaScript programmers simply avoid. The series' first book, *Up & Going*, provides the necessary background for those of you with limited programming experience. By learning the basic building blocks of programming, as well as JavaScript's core mechanisms, you'll be prepared to dive into the other, more in-depth books in the series—and be well on your way toward true JavaScript. With this book you will: Learn the essential programming building blocks, including operators, types, variables, conditionals, loops, and functions Become familiar with JavaScript's core mechanisms such as values, function closures, this, and prototypes Get an overview of other books in the series—and learn why it's important to understand all parts of JavaScript

HTML5 Foundations - Matt West 2012-11-19

Master innovative and eye-catching website design with the exciting new Treehouse Series of books Turn plain words and images into stunning websites using HTML5 and this beautiful, full-colour guide. Taking you beyond the constraints of prebuilt themes and simple site building tools, this new Treehouse book combines practicality with inspiration to show you how to create fully customized, modern, and dazzling websites that make viewers want to stop and stay. The exciting new Treehouse Series of books is authored by Treehouse experts and packed with innovative design ideas and practical skill-building. If you're a web developer, web designer, hobbyist, or career-changer, every book in this practical new series should be on your bookshelf. Part of the new Treehouse Series of books, teaching you effective and compelling website development and design, helping you build practical skills Provides career-worthy information from Treehouse industry pros and trainers Explains HTML5

basics, such as how to format text, add script to pages, and use HTML5 for audio and video Also covers hypermedia, CSS and JavaScript, embedding video, geolocation, and much more Leverage pages of dazzling website design ideas and expert instruction with a new Treehouse Series book.

Training Guide Programming in HTML5 with JavaScript and CSS3 (MCS5) - Glenn Johnson 2013-03-15

Designed to help experienced programmers develop real-world, job-role-specific skills—this Training Guide focuses on creating applications with HTML5, JavaScript, and CSS3. Build hands-on expertise through a series of lessons, exercises, and suggested practices—and help maximize your performance on the job. Provides in-depth, hands-on training you take at your own pace Focuses on job-role-specific expertise for using HTML5, JavaScript, and CSS3 to begin building modern web and Windows 8 apps Features pragmatic lessons, exercises, and practices Creates a foundation of skills which, along with on-the-job experience, can be measured by Microsoft Certification exams such as 70-480 Coverage includes: creating HTML5 documents; implementing styles with CSS3; JavaScript in depth; using Microsoft developer tools; AJAX; multimedia support; drawing with Canvas and SVG; drag and drop functionality; location-aware apps; web storage; offline apps; writing your first simple Windows 8 apps; and other key topics

Exam 98-375 HTML5 Application Development Fundamentals - Microsoft Official Academic Course 2012-11-28

The Microsoft Technology Associate certification (MTA) curriculum helps instructors teach and validate fundamental technology concepts with a foundation for students' careers as well as the confidence they need to succeed in advanced studies. Through the use of MOAC MTA titles you can help ensure your students future success in and out of the classroom. This MTA text covers the following HTML5 Application vital fundamental skills:

- Manage the Application Life Cycle
- Build the User Interface by Using HTML5
- Format the User Interface by Using CSS
- Code by Using JavaScript

Click here to learn more about the Microsoft Technology Associate (MTA), a new and innovative certification track designed to

provide a pathway for future success in technology courses and careers.

Pro JavaScript Design Patterns - Dustin Diaz 2008-03-11

With Pro JavaScript Design Patterns, you'll start with the basics of object-oriented programming in JavaScript applicable to design patterns, including making JavaScript more expressive, inheritance, encapsulation, information hiding, and more. The book then details how to implement and take advantage of several design patterns in JavaScript. Each chapter is packed with real-world examples of how the design patterns are best used and expert advice on writing better code, as well as what to watch out for. Along the way you'll discover how to create your own libraries and APIs for even more efficient coding.

Exam Ref 70-480 Programming in HTML5 with JavaScript and CSS3 (MCSD) - Rick Delorme 2014-08-12

Prepare for Microsoft Exam 70-480—and help demonstrate your real-world mastery of programming with HTML5, JavaScript, and CSS3. Designed for experienced developers ready to advance their status, Exam Ref focuses on the critical-thinking and decision-making acumen needed for success at the Microsoft Specialist level. Focus on the expertise measured by these objectives: Implement and manipulate document structures and objects Implement program flow Access and secure data Use CSS3 in applications This Microsoft Exam Ref: Organizes its coverage by exam objectives. Features strategic, what-if scenarios to challenge you.

Effective JavaScript - David Herman 2012-11-26

"It's uncommon to have a programming language wonk who can speak in such comfortable and friendly language as David does. His walk through the syntax and semantics of JavaScript is both charming and hugely insightful; reminders of gotchas complement realistic use cases, paced at a comfortable curve. You'll find when you finish the book that you've gained a strong and comprehensive sense of mastery." —Paul Irish, developer advocate, Google Chrome "This is not a book for those looking for shortcuts; rather it is hard-won experience distilled into a guided tour. It's one of the few books on JS that I'll recommend without hesitation."

—Alex Russell, TC39 member, software engineer, Google In order to truly master JavaScript, you need to learn how to work effectively with the

language's flexible, expressive features and how to avoid its pitfalls. No matter how long you've been writing JavaScript code, Effective JavaScript will help deepen your understanding of this powerful language, so you can build more predictable, reliable, and maintainable programs. Author David Herman, with his years of experience on Ecma's JavaScript standardization committee, illuminates the language's inner workings as never before—helping you take full advantage of JavaScript's expressiveness. Reflecting the latest versions of the JavaScript standard, the book offers well-proven techniques and best practices you'll rely on for years to come. Effective JavaScript is organized around 68 proven approaches for writing better JavaScript, backed by concrete examples. You'll learn how to choose the right programming style for each project, manage unanticipated problems, and work more successfully with every facet of JavaScript programming from data structures to concurrency. Key features include Better ways to use prototype-based object-oriented programming Subtleties and solutions for working with arrays and dictionary objects Precise and practical explanations of JavaScript's functions and variable scoping semantics Useful JavaScript programming patterns and idioms, such as options objects and method chaining In-depth guidance on using JavaScript's unique "run-to-completion" approach to concurrency

Head First HTML5 Programming - Eric Freeman 2011-10-06

HTML has been on a wild ride. Sure, HTML started as a mere markup language, but more recently HTML's put on some major muscle. Now we've got a language tuned for building web applications with Web storage, 2D drawing, offline support, sockets and threads, and more. And to speak this language you've got to go beyond HTML5 markup and into the world of the DOM, events, and JavaScript APIs. Now you probably already know all about HTML markup (otherwise known as structure) and you know all about CSS style (presentation), but what you've been missing is JavaScript (behavior). If all you know about are structure and presentation, you can create some great looking pages, but they're still just pages. When you add behavior with JavaScript, you can create an interactive experience; even better, you can create full blown web

applications. Head First HTML5 Programming is your ultimate tour guide to creating web applications with HTML5 and JavaScript, and we give you everything you need to know to build them, including: how to add interactivity to your pages, how to communicate with the world of Web services, and how to use the great new APIs being developed for HTML5. Here are just some of the things you'll learn in Head First HTML5 Programming: Learn how to make your pages truly interactive by using the power of the DOM. Finally understand how JavaScript works and take yourself from novice to well-informed in just a few chapters. Learn how JavaScript APIs fit into the HTML5 ecosystem, and how to use any API in your web pages. Use the Geolocation API to know where your users are. Bring out your inner artist with Canvas, HTML5's new 2D drawing surface. Go beyond just plugging a video into your pages, and create custom video experiences. Learn the secret to grabbing five megabytes of storage in every user's browser. Improve your page's responsiveness and performance with Web workers. And much more.

Beginning HTML5 and CSS3 For Dummies - Ed Tittel 2013-08-14

Your full-color, friendly guide to getting started with HTML5 and CSS3! HTML and CSS are essential tools for creating dynamic websites and help make your websites even more effective and unique. This friendly-but-straightforward guide gets you started with the basics of the latest versions of HTML and CSS: HTML5 and CSS3. Introducing you to the syntax and structure of the languages, this helpful guide shows you how to create and view a web page, explains ideal usage of HTML5 and CSS3, walks you through the CSS3 rules and stylesheets, addresses common mistakes and explains how to fix them, and explores interesting HTML5 tools. Serves as an ideal introduction to HTML5 and CSS3 for beginners with little to no web development experience. Details the capabilities of HTML5 and CSS3 and how to use both to create responsive, practical, and well-designed websites. Helps you understand how HTML5 and CSS3 are the foundation upon which hundreds of millions of web pages are built. Features full-color illustrations to enhance your learning process. *Beginning HTML5 and CSS3 For Dummies* is the perfect first step for getting started with the fundamentals of web development and design.

HTML5 Mobile Websites - Matthew David 2013-05-02

Build HTML5-powered mobile web experiences with the aid of development frameworks that speed the development of Native App-like experiences. Build on your foundation of HTML and JavaScript with a complete understanding of the different mobile Web browser technologies. You get carefully detailed techniques that are illustrated in full color so you can leverage the Web technologies unique to each mobile browser, apply frameworks such as Sencha Touch to rapidly build out your designs, and design techniques expressly suited for tablet devices. Projects provide hands-on practice and code is provided on the companion website, www.visualizetheweb.com.

Learning PHP, MySQL, JavaScript, and CSS - Robin Nixon 2012-08-27

Learn how to build interactive, data-driven websites—even if you don't have any previous programming experience. If you know how to build static sites with HTML, this popular guide will help you tackle dynamic web programming. You'll get a thorough grounding in today's core open source technologies: PHP, MySQL, JavaScript, and CSS. Explore each technology separately, learn how to combine them, and pick up valuable web programming concepts along the way, including objects, XHTML, cookies, and session management. This book provides review questions in each chapter to help you apply what you've learned. Learn PHP essentials and the basics of object-oriented programming Master MySQL, from database structure to complex queries Create web pages with PHP and MySQL by integrating forms and other HTML features Learn JavaScript fundamentals, from functions and event handling to accessing the Document Object Model Pick up CSS basics for formatting and styling your web pages Turn your website into a highly dynamic environment with Ajax calls Upload and manipulate files and images, validate user input, and secure your applications Explore a working example that brings all of the ingredients together

Hello! HTML5 & CSS3 - Rob Crowther 2012-10-17

Summary Hello! HTML5 & CSS3 is written for the web designer or developer who wants a fast, example-oriented introduction to the new HTML and CSS features. This snappy, user-friendly, and fun guide will get

you started right away. About this Book Whether you're building web pages, mobile apps, or desktop apps, you need to learn HTML5 and CSS3. So why wait? Hello! HTML5 & CSS3 is a smart, snappy, and fun way to get started now. In this example-rich guide to HTML5 and CSS3, you'll start with a user-friendly introduction to HTML5 markup and then take a quick tour through forms, graphics, drag-and-drop, multimedia, and more. Next, you'll explore CSS3, including new features like drop shadows, borders, colors, gradients, and backgrounds. Every step of the way, you'll find hands-on examples, both large and small, to help you learn by doing. Purchase of the print book comes with an offer of a free PDF, ePub, and Kindle eBook from Manning. Also available is all code from the book. What's inside Easy-to-follow intro to HTML5 and CSS3 Fully illustrated and loaded with examples Designed for low-stress learning No prior experience needed! Table of Contents PART 1 LEARNING HTML5 Introducing HTML5 markup HTML5 forms Dynamic graphics Audio and video Browser-based APIs Network and location APIs PART 2 LEARNING CSS3 New CSS language features Layout with CSS3 Motion and color Borders and backgrounds with CSS3 Text and fonts

You Don't Know JS: ES6 & Beyond - Kyle Simpson 2015-12-17

No matter how much experience you have with JavaScript, odds are you don't fully understand the language. As part of the "You Don't Know JS" series, this compact guide focuses on new features available in ECMAScript 6 (ES6), the latest version of the standard upon which JavaScript is built. Like other books in this series, *You Don't Know JS: ES6 & Beyond* dives into trickier parts of the language that many JavaScript programmers either avoid or know nothing about. Armed with this knowledge, you can achieve true JavaScript mastery. With this book, you will: Learn new ES6 syntax that eases the pain points of common programming idioms Organize code with iterators, generators, modules, and classes Express async flow control with Promises combined with generators Use collections to work more efficiently with data in structured ways Leverage new API helpers, including Array, Object, Math, Number, and String Extend your program's capabilities through meta programming Preview features likely coming to JS beyond ES6

Learning Web Design - Jennifer Robbins 2018-05-11

Do you want to build web pages but have no prior experience? This friendly guide is the perfect place to start. You'll begin at square one, learning how the web and web pages work, and then steadily build from there. By the end of the book, you'll have the skills to create a simple site with multicolumn pages that adapt for mobile devices. Each chapter provides exercises to help you learn various techniques and short quizzes to make sure you understand key concepts. This thoroughly revised edition is ideal for students and professionals of all backgrounds and skill levels. It is simple and clear enough for beginners, yet thorough enough to be a useful reference for experienced developers keeping their skills up to date. Build HTML pages with text, links, images, tables, and forms Use style sheets (CSS) for colors, backgrounds, formatting text, page layout, and even simple animation effects Learn how JavaScript works and why the language is so important in web design Create and optimize web images so they'll download as quickly as possible NEW! Use CSS Flexbox and Grid for sophisticated and flexible page layout NEW! Learn the ins and outs of Responsive Web Design to make web pages look great on all devices NEW! Become familiar with the command line, Git, and other tools in the modern web developer's toolkit NEW! Get to know the super-powers of SVG graphics

HTML5 and CSS3, Illustrated Complete - Sasha Vodnik 2012-07-27

Equip your students with HTML5 and CSS3 skills using this practical, user-friendly book by the Illustrated Series. Designed to meet the needs of users from a broad range of experience levels, this book provides the nuts-and-bolts for beginners and allows more experienced users to brush up on the basics and quickly move on to more advanced topics. Each two-page spread focuses on a single skill, making information easy to follow and absorb, which is especially important with a complex topic such as HTML5. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

The Art of SEO - Eric Enge 2015-08-17

Three acknowledged experts in search engine optimization share guidelines and innovative techniques that will help you plan and execute

a comprehensive SEO strategy. Complete with an array of effective tactics from basic to advanced, this third edition prepares digital marketers for 2016 with updates on SEO tools and new search engine optimization methods that have reshaped the SEO landscape Novices will receive a thorough SEO education, while experienced SEO practitioners get an extensive reference to support ongoing engagements. Comprehend SEO's many intricacies and complexities Explore the underlying theory and inner workings of search engines Understand the role of social media, user data, and links Discover tools to track results and measure success Examine the effects of Google's Panda and Penguin algorithms Consider opportunities in mobile, local, and vertical SEO Build a competent SEO team with defined roles Glimpse the future of search and the SEO industry

Visit the book website (<http://www.artofseobook.com>) for FAQs and to post your own burning questions. You'll have access to special offers and discounts on various SEO tools and services. You can also get exclusive access to instructional videos related to the concepts in the book by sending an email to bonuses@artofseobook.com.

Responsive Web Design with HTML5 and CSS3 - Ben Frain 2012-01-01
This book will lead you, step by step and with illustrative screenshots, through a real example. Are you writing two websites - one for mobile and one for larger displays? Or perhaps you've heard of Responsive Design but are unsure how to bring HTML5, CSS3, or responsive design all together. If so, this book provides everything you need to take your web pages to the next level - before all your competitors do!