

[Books] Smarter Way Learn Javascript Technology

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A Smarter Way to Learn JavaScript-Mark Myers 2017-07-17 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

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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.

A Smarter Way to Learn Python-Mark Myers 2017-08-09 I designed a learning system for myself that quadrupled my aptitude for learning computer languages. It worked so well for me that I've used it to teach coding to grandmothers, cab drivers, musicians, and 50,000 other newbies. Washington University research shows that a key teaching method I use--interactive recall practice--improves learning performance 400 percent. Computer languages are not inherently hard to understand, even for non-techies. Remembering is the problem. Research shows that you will remember everything if you're repeatedly asked to recall it. That's the beauty of flash cards. But technology offers an even better way to make information stick. With my book you get almost a thousand interactive exercises--they're free online--that embed the whole book in your memory. Algorithms check your work to make sure you know what you think you know. When you stumble, you do the exercise again. You keep trying until you know the chapter cold. The exercises keep you engaged, give you extra practice where you're shaky, and prepare you for each next step. Every lesson is built on top of a solid foundation that you and I have carefully constructed. Each individual step is small. But all the little steps add up to real knowledge--knowledge that you retain. You don't need to be a computer genius to learn Python. You just need to be smart about how you learn it.--Amazon.com description.

JavaScript for Kids-Nick Morgan 2014-12-14 JavaScript for Kids is a lighthearted introduction that teaches programming essentials through patient, step-by-step examples paired with funny illustrations. You'll begin with the basics, like working with strings, arrays, and loops, and then move on to more advanced topics, like building interactivity with jQuery and drawing graphics with Canvas. Along the way, you'll write games such as Find the Buried Treasure, Hangman, and Snake. You'll also learn how to: Create functions to organize and reuse your codeWrite and modify HTML to create dynamic web pagesUse the

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DOM and jQuery to make your web pages react to user input Use the Canvas element to draw and animate graphics Program real user-controlled games with collision detection and score keeping With visual examples like bouncing balls, animated bees, and racing cars, you can really see what you're programming. Each chapter builds on the last, and programming challenges at the end of each chapter will stretch your brain and inspire your own amazing programs. Make something cool with JavaScript today! Ages 10+ (and their parents!)

Learn JavaScript and Ajax with w3Schools-W3Schools 2010-12-07

Simply JavaScript-Kevin Yank 2007-06-21 Everything you need to learn JavaScript from Scratch! Packed with numerous examples, Simply JavaScript is a step-by-step introduction to programming in JavaScript the right way. Learn how easy it is to use JavaScript to solve real-world problems, build smarter forms, track user events (such as mouse clicks and key strokes), and design eye-catching animations. Then move into more powerful techniques using the DOM and Ajax. Learn JavaScript's built-in functions, methods, and properties. Easily integrate JavaScript in your web site. Use JavaScript to validate form entries and interact with your users. Understand how to respond to user events. Create animations that bring your web site to life. Start programming using the DOM and Ajax. Unlike other JavaScript books, modern best practices such as progressive enhancement, accessibility and unobtrusive scripting are used from the very beginning. All the code in the book is also cross-browser compatible and downloadable for free, so you can get started instantly!

JavaScript: The Good Parts-Douglas Crockford 2008-05-08 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

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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.

Learn JavaScript Visually-Ivelin Demirov 2014-07-18 Beautifully Illustrated book that teaches javascript fundamentals through metaphors, analogies and easy step-by-step exercises. Visual learners retain information very differently than their left-brained counterparts, and thus benefit from different approaches. Full color illustrations help memory triggers as your brain never forgets an image, metaphor or schema. One page of a visual guide can equal one chapter of a conventional book as illustrations can make a world of difference over strictly words on a page!

Eloquent JavaScript-Marijn Haverbeke 2011-01-15 JavaScript is at the heart of almost every modern Web application, whether it's Google Apps, Twitter, or the newest browser-based game. Though it's simple for beginners to pick up and play with, JavaScript is not a toy—it's a flexible and complex language that can be used to build full-scale applications. *Eloquent JavaScript* dives into this flourishing language and

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teaches you to write code that's beautiful and effective. By immersing you in example code and encouraging experimentation right from the start, the author quickly gives you the tools you need to build your own programs. As you follow along with examples like an artificial life simulation and a version of the classic game Sokoban, you'll learn to:

- Understand the essential elements of programming: syntax, control, and data
- Use object-oriented and functional programming techniques to organize and clarify your programs
- Script the browser and make basic Web applications
- Work with tools like regular expressions and XMLHttpRequest objects

And since programming is an art that's best learned by doing, all example code is available online in an interactive sandbox for you to experiment with. With Eloquent JavaScript as your guide, you can tweak, expand, and modify the author's code, or throw it away and build your own creations from scratch. Before you know it, you'll be fluent in the language of the Web.

Eloquent JavaScript-Marijn Haverbeke 2018-11-15 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.

The JavaScript Workshop-Joseph Labrecque 2019-11-29 The JavaScript Workshop is a definitive guide to learning JavaScript in a practical way. Starting with JavaScript's core syntax and structure, the book gradually builds up to more advanced concepts like server-side development and functional programming. With this book, you'll gain the confidence to tackle any real-world JavaScript challenge.

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

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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 Learn Node.js in One Day-Moaml Mohammed 2019-07-29 Learn node.js in one day What you will learn?*Learn the fundamentals of Node*Build apps that respond to user input*Master working with servers*Learn how to test and debug applications*Deploy and update your apps in the real world*Create responsive asynchronous web applications Learn node.js in one day is a practical, project-based book that provides you with all you need to get started as a Node.js developer. Node is a ubiquitous technology on the modern web, and an essential part of any web developers' toolkit. If you are looking to create real-

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world Node applications, or you want to switch careers or launch a side project to generate some extra income, then you're in the right place. This book has been written around a single goal—turning you into a professional Node developer capable of developing, testing, and deploying real-world production applications. Learning Node.js Development is built from the ground up around the latest version of Node.js (version 9.x.x). You'll be learning all the cutting-edge features available only in the latest software versions. This book cuts through the mass of information available around Node and delivers the essential skills that you need to become a Node developer. It takes you through creating complete apps and understanding how to build, deploy, and test your own Node apps. It maps out everything in a comprehensive, easy-to-follow package designed to get you up and running quickly.

Professional JavaScript for Web Developers—Nicholas C. Zakas 2005-04-29 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 & jQuery: The Missing Manual—David Sawyer McFarland 2014-09-18 JavaScript lets you supercharge your HTML with animation, interactivity, and visual effects—but many web designers find the language hard to learn. This easy-to-read guide not only covers JavaScript basics, but also shows you how to save time and effort with the jQuery and jQuery UI libraries of prewritten JavaScript code. You'll build

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web pages that feel and act like desktop programs—with little or no programming. The important stuff you need to know: Pull back the curtain on JavaScript. Learn how to build a basic program with this language. Get up to speed on jQuery. Quickly assemble JavaScript programs that work well on multiple web browsers. Transform your user interface. Learn jQuery UI, the JavaScript library for interface features like design themes and controls. Make your pages interactive. Create JavaScript events that react to visitor actions. Use animations and effects. Build drop-down navigation menus, pop-ups, automated slideshows, and more. Collect data with web forms. Create easy-to-use forms that ensure more accurate visitor responses. Practice with living examples. Get step-by-step tutorials for web projects you can build yourself.

JavaScript: Novice to Ninja-Darren Jones 2014-11-26 Learn JavaScript from scratch! Packed with numerous examples, JavaScript: Novice to Ninja is a fun, step-by-step and comprehensive introduction to development in JavaScript. Discover how to use JavaScript to solve real-world problems, build smarter forms, track user events, and design eye-catching animations. Learn JavaScript's built-in functions, methods, and properties. Use JavaScript to validate form entries and interact with your users. Understand how to respond to user events and add interactivity to your applications. Create animations that bring your web site to life. Start programming using the DOM And much more!

If Hemingway Wrote JavaScript-Angus Croll 2014-10-14 What if William Shakespeare were asked to generate the Fibonacci series or Jane Austen had to write a factorial program? In If Hemingway Wrote JavaScript, author Angus Croll imagines short JavaScript programs as written by famous wordsmiths. The result is a peculiar and charming combination of prose, poetry, and programming. The best authors are those who obsess about language—and the same goes for JavaScript developers. To master either craft, you must experiment with language to develop your own style, your own idioms, and your own expressions. To that end, If Hemingway Wrote JavaScript playfully bridges the worlds of programming and literature for the literary geek in all of us. Featuring original artwork by Miran Lipovača.

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Beginning JavaScript-Paul Wilton 2004-07-12 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 Bible-Danny Goodman 2007-07-02 Make your Web pages stand out above the noise with JavaScript and the expert instruction in this much-anticipated update to the bestselling JavaScript Bible. With renowned JavaScript expert Danny Goodman at your side, you'll get a thorough grounding in JavaScript basics, see how it fits with current Web browsers, and find all the soup-to-nuts detail you'll need. Whether you're a veteran programmer or just starting out, this is the JavaScript book Web developers turn to again and again. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

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Head First JavaScript-Michael Morrison 2007-12-20 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.

PHP, MySQL, JavaScript & HTML5 All-in-One For Dummies-Steve Suehring 2013-04 Introduces the four essential programming languages required for creating dynamic Web sites, and explains how to install them on different operating systems, use CSS to create forms, code with jQuery, and administer a MySQL database.

Demystifying Smart Cities-Anders Lisdorf 2019-12-30 Cut through the hype surrounding Smart Cities. This book looks at the facts on the ground and realities, coming to a more adequate understanding of where technology can and cannot help in a city context, specifically pulling on insights gained from smart city

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initiatives in New York, Chicago, Amsterdam and Copenhagen. Currently, the concept of Smart Cities is rightfully touted as a transformative power in our lives. The use of Internet of Things, Artificial Intelligence, Big Data and Blockchain are some of the most hyped technologies that promise to bring about significant changes to how we live and manage our cities. While some isolated solutions have been implemented with great success and impact, the full potential of smart cities have so far not been realized. Practical realities often interfere, bringing initiatives to a screeching halt or stopping them before they even start. By better understanding the practical realities of a city we may be able to better make use of technology to make smarter cities. To that end, this book provides a number of practical guidelines on how to make cities smarter with the aid of technology. You'll also dive into the practical understanding of managing and securing thousands, possibly millions, of devices and the accompanying data. Demystifying Smart Cities evaluates how technology can behave in a more intelligent way and how producing novel solutions can pose problems of their own. What You'll Learn Practical issues and challenges of managing thousands and millions of IoT devices in a city The different types of city data and how to manage and secure it The possibilities of utilizing AI into a city (and how it differs from working with the private sector) Examples of how to make cities smarter with technology Who This Book Is For Primarily for those already familiar with the hype of smart city technologies but not the details of its implementation, along with technologists interested in learning how city government works when integrating technology. Also, people working for smart city vendors, especially sales people and product managers who need to understand their target market.

Coding with JavaScript For Dummies-Chris Minnick 2015-05-12 Go from beginner to builder quickly with this hands-on JavaScript guide Coding with JavaScript For Dummies provides easy, hands-on instruction for anyone looking to learn this popular client-side language. No experience? No problem! This friendly guide starts from the very beginning and walks you through the basics, then shows you how to apply what you've learned to real projects. You'll start building right away, including web page elements and simple

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applications, so you can immediately see how JavaScript is used in the real world. Online exercises allow you to test your code and expand your skills, and the easy-to-follow instruction provides step-by-step guidance toward understanding the JavaScript syntax, applications, and language. JavaScript enhances static web pages by providing dynamic elements that can adapt and react to user action. It's a need-to-know tool for aspiring web designers, but anyone can benefit from understanding this core development language. Coding with JavaScript For Dummies takes you from beginner to builder quickly as you: Learn what JavaScript does, how it works, and where to use it Master the core elements of JavaScript and immediately put it to work Build interactive web elements and try out your code online Create basic applications as you apply JavaScript to the app development workflow Anytime a website responds to your movement around the screen, that's JavaScript. It makes websites more functional, more beautiful, and more engaging, and your site visitors will demand nothing less. If you want to build a better website, you need JavaScript. If you need JavaScript, Coding with JavaScript For Dummies gets you started off quickly and painlessly, with plenty of hands-on practice.

Learn JavaScript with p5.js-Engin Arslan 2018-03-07 Learn coding from scratch in a highly engaging and visual manner using the vastly popular JavaScript with the programming library p5.js. The skills you will acquire from this book are highly transferable to a myriad of industries and can be used towards building web applications, programmable robots, or generative art. You'll gain the proper context so that you can build a strong foundation for programming. This book won't hinder your momentum with irrelevant technical or theoretical points. The aim is to build a strong, but not overly excessive knowledge to get you up and running with coding. If you want to program creative visuals and bring that skill set to a field of your your choice, then Learn JavaScript with p5.js is the book for you. What You'll Learn Code from scratch and create computer graphics with JavaScript and the p5.js library Gain the necessary skills to move into your own creative projects Create graphics and interactive experiences using Processing Program using JavaScript and p5.js and secondarily in creating visuals Who This Book is For Artists or a

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visual designers. Also, those who want to learn the fundamentals of programming through visual examples.

JavaScript Everywhere-Adam D. Scott 2020-02-06 JavaScript is the little scripting language that could. Once used chiefly to add interactivity to web browser windows, JavaScript is now a primary building block of powerful and robust applications. In this practical book, new and experienced JavaScript developers will learn how to use this language to create APIs as well as web, mobile, and desktop applications. Author and engineering leader Adam D. Scott covers technologies such as Node.js, GraphQL, React, React Native, and Electron. Ideal for developers who want to build full stack applications and ambitious web development beginners looking to bootstrap a startup, this book shows you how to create a single CRUD-style application that will work across several platforms. Explore GraphQL's simple process for querying data Learn about shared authentication for APIs, web apps, and native applications Build performant web applications with React and Styled Components Use React Native to write cross-platform applications for iOS and Android that compile to native code Learn how to write desktop applications with Electron Javascript for Beginners-Mark Lassoff 2013 "Easy-to-follow guide for those new to Javascript programming; Tons of code samples and screenshots; Engaging lab activities and questions for review; Answer key and lab solutions"--Cover.

Data Structures and Algorithms with JavaScript-Michael McMillan 2014-03-10 As an experienced JavaScript developer moving to server-side programming, you need to implement classic data structures and algorithms associated with conventional object-oriented languages like C# and Java. This practical guide shows you how to work hands-on with a variety of storage mechanisms—including linked lists, stacks, queues, and graphs—within the constraints of the JavaScript environment. Determine which data structures and algorithms are most appropriate for the problems you're trying to solve, and understand the tradeoffs when using them in a JavaScript program. An overview of the JavaScript features used throughout the book is also included. This book covers: Arrays and lists: the most common data structures

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Stacks and queues: more complex list-like data structures
Linked lists: how they overcome the shortcomings of arrays
Dictionaries: storing data as key-value pairs
Hashing: good for quick insertion and retrieval
Sets: useful for storing unique elements that appear only once
Binary Trees: storing data in a hierarchical manner
Graphs and graph algorithms: ideal for modeling networks
Algorithms: including those that help you sort or search data
Advanced algorithms: dynamic programming and greedy algorithms

Architecting for Scale-Lee Atchison 2016-07-11 Every day, companies struggle to scale critical applications. As traffic volume and data demands increase, these applications become more complicated and brittle, exposing risks and compromising availability. This practical guide shows IT, devops, and system reliability managers how to prevent an application from becoming slow, inconsistent, or downright unavailable as it grows. Scaling isn't just about handling more users; it's also about managing risk and ensuring availability. Author Lee Atchison provides basic techniques for building applications that can handle huge quantities of traffic, data, and demand without affecting the quality your customers expect. In five parts, this book explores: Availability: learn techniques for building highly available applications, and for tracking and improving availability going forward
Risk management: identify, mitigate, and manage risks in your application, test your recovery/disaster plans, and build out systems that contain fewer risks
Services and microservices: understand the value of services for building complicated applications that need to operate at higher scale
Scaling applications: assign services to specific teams, label the criticalness of each service, and devise failure scenarios and recovery plans
Cloud services: understand the structure of cloud-based services, resource allocation, and service distribution

Head First JavaScript Programming-Eric Freeman 2014-03-26 What will you learn from this book? This brain-friendly guide teaches you everything from JavaScript language fundamentals to advanced topics, including objects, functions, and the browser's document object model. You won't just be reading—you'll be playing games, solving puzzles, pondering mysteries, and interacting with JavaScript in ways you never

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imagined. And you'll write real code, lots of it, so you can start building your own web applications. Prepare to open your mind as you learn (and nail) key topics including: The inner details of JavaScript How JavaScript works with the browser The secrets of JavaScript types Using arrays The power of functions How to work with objects Making use of prototypes Understanding closures Writing and testing applications What's so special about this book? We think your time is too valuable to waste struggling with new concepts. Using the latest research in cognitive science and learning theory to craft a multi-sensory learning experience, Head First JavaScript Programming uses a visually rich format designed for the way your brain works, not a text-heavy approach that puts you to sleep. This book replaces Head First JavaScript, which is now out of print.

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

Learning Web App Development-Semmy Purewal 2014-02-13 Grasp the fundamentals of web application

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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

CSS Secrets-Lea Verou 2015-06-04 In this practical guide, CSS expert Lea Verou provides 47 undocumented techniques and tips to help intermediate-to advanced CSS developers devise elegant solutions to a wide range of everyday web design problems. Rather than focus on design, CSS Secrets shows you how to solve problems with code. You'll learn how to apply Lea's analytical approach to practically every CSS problem you face to attain DRY, maintainable, flexible, lightweight, and standards-compliant results. Inspired by her popular talks at over 60 international web development conferences, Lea Verou provides a wealth of information for topics including: Backgrounds and Borders Shapes Visual Effects Typography User Experience Structure and Layout Transitions and Animations

JavaScript: The Definitive Guide-David Flanagan 2020-05-14 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

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experienced programmers who want to learn the programming language of the web, and for current JavaScript programmers who want to master it.

HTML and CSS-Jon Duckett 2011-11-08 A full-color introduction to the basics of HTML and CSS from the publishers of Wrox! 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. JavaScript and JQuery-Jon Duckett 2014-06-30 Provides information on how to make more interactive, engaging, and usable Web pages with JavaScript and jQuery, covering core programming concepts in both and such techniques as animation, form validation, and interactive galleries.

Getting Started with p5.js-Lauren McCarthy 2015-10-12 With p5.js, you can think of your entire Web browser as your canvas for sketching with code! Learn programming the fun way--by sketching with interactive computer graphics! Getting Started with p5.js contains techniques that can be applied to creating games, animations, and interfaces. p5.js is a new interpretation of Processing written in JavaScript that makes it easy to interact with HTML5 objects, including text, input, video, webcam, and

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sound. Like its older sibling Processing, p5.js makes coding accessible for artists, designers, educators, and beginners. Written by the lead p5.js developer and the founders of Processing, this book provides an introduction to the creative possibilities of today's Web, using JavaScript and HTML. With Getting Started with p5.js, you'll: Quickly learn programming basics, from variables to objects Understand the fundamentals of computer graphics Create interactive graphics with easy-to-follow projects Learn to apply data visualization techniques Capture and manipulate webcam audio and video feeds in the browser All You Have to Do Is Ask-Wayne Baker 2020-01-14 A set of tools for mastering the one skill standing between us and success: the ability to ask for the things we need to succeed. Imagine you're on a deadline for a big project, and feeling overwhelmed. Or you're looking for a job, but can't seem to get your foot in the door. Or you're dying for tickets to a sold out concert, and all your leads have gone cold. What do these problems have in common? They can all be solved simply by reaching out to a colleague, friend, or wider network and making an ask. Studies show that asking for help makes us better and less frustrated at our jobs. It helps us find new opportunities and new talent. It unlocks new ideas and solutions, and enhances team performance. And it helps us get the things we need outside the workplace as well. And yet, we rarely give ourselves permission to ask. Luckily, the research shows that asking—and getting—what we need is much easier than we tend to think. Here, Wayne Baker shares a set of strategies—used at companies like Google, GM, and IDEO—that individuals, teams, and leaders can use to make asking for help a personal and organizational habit, including:

- A quiz to identify your asking-giving style
- SMART criteria for who, when, and how to ask
- “Plug-and-play ” routines that make requests a standard component of meetings
- Mini-games that incentivize asking within teams
- The Reciprocity Ring, a guided activity that allows people to tap into the giving power of a network

Picking up where the bestselling book Give and Take left off, All You Have to Do Is Ask shows us how to ignite the cycle of giving and receiving by asking for the things we need. Advance praise for All You Have to Do Is Ask “Asking for help and support has been a key to my success. Wayne Baker expertly shares how everyone

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can do it.”—Shellye Archambeau, former CEO, MetricStream, and board director, Verizon and Nordstrom
“Wayne Baker shares the formula for driving personal, organizational, and social change by tapping the power of our teams and networks for help. This insightful book is a must-read for anyone seeking practical and proven solutions to make our workplaces and world a better place.”—Noel Tichy, professor, University of Michigan, and author of Judgment and Control Your Destiny or Someone Else Will

JavaScript for Beginners-Adam Vardy 2015-10-19 Javascript For Beginners! The Ultimate Beginners Crash Course To Learn Javascript Quickly And Easily Are You Ready To Learn How To Write Clean, Javascript Code? If So You've Come To The Right Place - Regardless Of How Little Experience You May Have!

Learning to program is a fantastic skill, and if you're a newbie you've ended up in the right place!

JavaScript is a fantastic first or second programming language to learn (and master with the help of this book!). There's a ton of other technical guides out there that aren't clear and concise, and in my opinion

use far too much jargon. My job is to teach you in simple, easy to follow terms how to get started and excel at JavaScript programming. You'll find my personal notes and tips peppered throughout the book,

making it personal and easy to learn. Here's A Preview Of What JavaScript For Beginners Contains... An Introduction to JavaScript Learning The Basics of JavaScript JavaScript As A Client Side Scripting

Language JavaScript As The Web's Assembly Language JavaScript As A Programming Language - Exactly What You Need To Know Programming And Scripting Explained What A Program Is, How They Work And How To Easily Create Them How To Embed JavaScript In HTML Files Internal Coding With JavaScript

How To ACTUALLY Read JavaScript Statement And Its Parts Including Literals, Variables, Identifiers, Operators, Expressions Code Blocks And Functions Conditional Statements Including If, If Else, Else If

And Much, Much More! Order Your Copy Now And Let's Get Scripting!"

Radioactive!-Winifred Conkling 2018-02-20 The fascinating, little-known story of how two brilliant female

physicists' groundbreaking discoveries led to the creation of the atomic bomb. In 1934, Irène Curie, working with her husband and fellow scientist, Frederic Joliot, made a discovery that would change the

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world: artificial radioactivity. This breakthrough allowed scientists to modify elements and create new ones by altering the structure of atoms. Curie shared a Nobel Prize with her husband for their work. But when she was nominated to the French Academy of Sciences, the academy denied her admission and voted to disqualify all women from membership. Four years later, Curie's breakthrough led physicist Lise Meitner to a brilliant leap of understanding that unlocked the secret of nuclear fission. Meitner's unique insight was critical to the revolution in science that led to nuclear energy and the race to build the atom bomb, yet her achievement was left unrecognized by the Nobel committee in favor of that of her male colleague. *Radioactive!* presents the story of two women breaking ground in a male-dominated field, scientists still largely unknown despite their crucial contributions to cutting-edge research, in a nonfiction narrative that reads with the suspense of a thriller. Photographs and sidebars illuminate and clarify the science in the book.

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

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Speaking JavaScript-Axel Rauschmayer 2014-02-25 Like it or not, JavaScript is everywhere these days—from browser to server to mobile—and now you, too, need to learn the language or dive deeper than you have. This concise book guides you into and through JavaScript, written by a veteran programmer who once found himself in the same position. Speaking JavaScript helps you approach the language with four standalone sections. First, a quick-start guide teaches you just enough of the language to help you be productive right away. More experienced JavaScript programmers will find a complete and easy-to-read reference that covers each language feature in depth. Complete contents include: JavaScript quick start: Familiar with object-oriented programming? This part helps you learn JavaScript quickly and properly. JavaScript in depth: Learn details of ECMAScript 5, from syntax, variables, functions, and object-oriented programming to regular expressions and JSON with lots of examples. Pick a topic and jump in. Background: Understand JavaScript's history and its relationship with other programming languages. Tips, tools, and libraries: Survey existing style guides, best practices, advanced techniques, module systems, package managers, build tools, and learning resources.

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CHILDREN'S YOUNG ADULT FANTASY HISTORICAL FICTION HORROR LITERARY FICTION
NON-FICTION SCIENCE FICTION