Web Development with Node and Express

With this book, Web designers who usually turn out static Websites with HTML and CSS can make the leap to the next level of Web development-full-fledged, dynamic, database-driven Websites using PHP and SQL.

Learn HTML and CSS with w3Schools

This book addresses today's approach to

JavaScript in detail: modern browser support, including information on Internet Explorer 7; Object-Oriented JavaScript; testing and debugging; unobtrusive JavaScript techniques using DOM Scripting; Ajax; creating and using blocks of reusable code, and the future of JavaScript. All the concepts expressed in this upto-the-minute reference are thoroughly backed up with real world examples and full-scale case studies. The book offers reusable functions for readers to use in their own projects, a significant time-saver. Also included are several reference sections that allow developers to look up details quickly and easily.

Learn JavaScript and Ajax with w3Schools

Rapid, concentrated instruction for beginning Internet programmers W3Schools.com is the number one online education resource for

starting Web designers. This eye-catching twocolor book has concise, highly focused tutorials in the proven W3Schools educational layout, with an easy-to-use reference of JavaScript Objects as well as the HTML DOM consisted of. Amateur developers will swiftly discover to develop interactive Websites making use of the most preferred Web scripting language. W3Schools is the leading Google search results page for guideline on JavaScript, HTML, CSS, as well as various other crucial Web innovations; this publication presents W3Schools tutorials in an easy-to-follow format for quick discovering Functions clear instances, simple descriptions, as well as a thorough reference section covering JavaScript Furniture and also the HTML DOM Covers statements and also remarks; variables, drivers, as well as contrasts; if ... then statements; pop-up boxes; occasions and also attempt ... catch; things, strings, varieties, and Booleans; cookies, recognition, and timing; Ajax

requests as well as XMLHTTP demands; Ajax recommend, as well as much more Created to obtain beginning Web developers up and running as promptly as feasible, Learn JavaScript and Ajax with W3Schools presents a proven, very concentrated course of instruction in a simple format.

Learning XML

Now features a full-color, six-panel tear-out Cheat Sheet that's packed with information-an HTML command and syntax reference, a chart of Web-safe colors, and an alphabetical listing of CSS elements.

Learning Web App Development

Designing Your Website to Use Less Energy explores simple changes you can make to your website that will cause it to use less energy. We

don't often think about the amount of power being used to surf the Internet, but it's guite a lot. If all websites were designed to use less energy, we could save a lot of energy. One of the most important considerations when designing a website to use less energy is to make it load quickly. Part of that depends on where your website sits - your web host. Part of that depends on your images. Part depends on ads. Part depends on how simply your website is coded. In fact, Google will downgrade your web page in its search algorithm if your web page doesn't load quickly. Designing Your Website to Use Less Energy covers choosing a web host, performance, plug-ins and services, making your own plug-in, energy-saving colors, and printing. Performance covers lessening the impact of images, Javascript, CSS, photo frameworks, and database queries, plus other tricks you can use to make your page load faster. If you're a big corporation, there are tools from Google,

Facebook, and Twitter you can use. If you're not a large corporation and don't have a lot of time, this audiobook will help you get your website loading faster and will help you save energy. The more users you have who browse your website, the more energy you'll save. Listening ease: medium. Listening level: eighth grade. Maturity: general audience.

Bulletproof Ajax

CSS3 lets you create professional-looking websites, but learning its finer points can be tricky—even for seasoned web developers. This Missing Manual shows you how to take your HTML and CSS skills to the next level, with valuable tips, tricks, and step-by-step instructions. You'll quickly learn how to build web pages that look great and run fast on devices and screens of all sizes. The important stuff you need to know: Start with the basics. Write CSS3-

friendly HTML, including the HTML5 tags recognized by today's browsers. Apply real-world design. Format text, create navigation tools, and enhance pages with graphics. Make your pages lively. Create eye-catching animations and give your visitors attractive tables and forms. Take control of page layouts. Use professional design techniques such as floats and positioning. Look great on any device. Craft websites that adapt to desktop, tablet, and mobile browsers. Get advanced techniques. Use CSS3 more effectively and efficiently, and ensure that your web pages look good when printed.

Head First JavaScript Programming

Python is one of the most powerful, easy-to-read programming languages around, but it does have its limitations. This general purpose, high-level language that can be extended and embedded is a smart option for many

programming problems, but a poor solution to others. Python For Dummies is the quick-andeasy guide to getting the most out of this robust program. This hands-on book will show you everything you need to know about building programs, debugging code, and simplifying development, as well as defining what actions it can perform. You'll wrap yourself around all of its advanced features and become an expert Python user in no time. This guide gives you the tools you need to: Master basic elements and syntax Document, design, and debug programs Work with strings like a pro Direct a program with control structures Integrate integers, complex numbers, and modules Build lists, stacks, and queues Create an organized dictionary Handle functions, data, and namespace Construct applications with modules and packages Call, create, extend, and override classes Access the Internet to enhance your library Understand the new features of Python 2.5 Packed with critical

idioms and great resources to maximize your productivity, Python For Dummies is the ultimate one-stop information guide. In a matter of minutes you'll be familiar with Python's building blocks, strings, dictionaries, and sets; and be on your way to writing the program that you've dreamed about!

Designing Your Website to Use Less Energy: Green Energy Websites

This second edition of the bestselling Learning XML provides web developers with a concise but grounded understanding of XML (the Extensible Markup Language) and its potential-- not just a whirlwind tour of XML. The author explains the important and relevant XML technologies and their capabilities clearly and succinctly with plenty of real-life projects and useful examples. He outlines the elements of markup-- demystifying concepts such as attributes,

entities, and namespaces--and provides enough depth and examples to get started. Learning XML is a reliable source for anyone who needs to know XML, but doesn't want to waste time wading through hundreds of web sites or 800 pages of bloated text. For writers producing XML documents, this book clarifies files and the process of creating them with the appropriate structure and format. Designers will learn what parts of XML are most helpful to their team and will get started on creating Document Type Definitions. For programmers, the book makes syntax and structures clear. Learning XML also discusses the stylesheets needed for viewing documents in the next generation of browsers, databases, and other devices. Learning XML illustrates the core XML concepts and language syntax, in addition to important related tools such as the CSS and XSL styling languages and the XLink and XPointer specifications for creating rich link structures. It includes information about

three schema languages for validation: W3C Schema, Schematron, and RELAX-NG, which are gaining widespread support from people who need to validate documents but aren't satisfied with DTDs. Also new in this edition is a chapter on XSL-FO, a powerful formatting language for XML. If you need to wade through the acronym soup of XML and start to really use this powerful tool, Learning XML, will give you the roadmap you need.

Agile Web Development with Rails 4

Deepen your app development skills with Pro iOS Geo. This book shows you how to use geolocation-based tools to enhance the iOS apps you develop. Author Giacomo Andreucci describes different ways to integrate geo services, depending on the kind of app you're looking to develop: a web app, a hybrid app, or a native app. You'll discover how to use the Google

Maps API features to integrate powerful geo capabilities in your apps with a little effort. You'll learn how to: Design geographic features for your apps while respecting usability criteria Design touristic geo apps Use HTML5 and the Google Maps JavaScript API to implement powerful geo functions in your apps Use Google Fusion Tables to display and guery data in your maps Transform your geo web apps into hybrid apps that can be submitted to the Apple App Store Create native iOS geo apps using the new Apple Maps data through the Map Kit API After reading Pro iOS Geo, you'll have the knowledge and skills you need to add a geo dimension to all your apps, whether as a feature of a larger app such as a social networking app that shows where friends are located in a selected area—or as the primary part of an app—such as a guide app that shows the monuments in your city.

Mastering Microsoft Visual Basic 2010

A full-color introduction to the basics of HTML and CSS! Every day, more and more people want to learn some HTML and CSS. Joining the professional web designers and programmers are new audiences who need to know a little bit of code at work (update a content management system or e-commerce store) and those who want to make their personal blogs more attractive. Many books teaching HTML and CSS are dry and only written for those who want to become programmers, which is why this book takes an entirely new approach. Introduces HTML and CSS in a way that makes them accessible to everyone—hobbyists, students, and professionals—and it's full-color throughout Utilizes information graphics and lifestyle photography to explain the topics in a simple way that is engaging Boasts a unique structure

that allows you to progress through the chapters from beginning to end or just dip into topics of particular interest at your leisure This educational book is one that you will enjoy picking up, reading, then referring back to. It will make you wish other technical topics were presented in such a simple, attractive and engaging way! This book is also available as part of a set in hardcover - Web Design with HTML, CSS, JavaScript and jQuery, 9781119038634; and in softcover - Web Design with HTML, CSS, JavaScript and jQuery, 9781118907443.

Head First PHP & MySQL

A guide to HTML5 covers such topics as markup, Web forms, audio and video, Canvas, CSS3, data storage, offline applications, and JavaScript.

Mastering Shiny

A fast, simple tutorial from the leading Web developerinstruction site W3Schools.com is the number one online education source forbeginning Web developers. This book packages W3Schools content inan attractive twocolor design that gets beginning Web developers and designers up and running with the core Web development technologies. To-thepoint tutorials with clear examples and simpleexplanations give novices the knowledge they need to get going withconfidence. W3Schools is the top Google search result for instruction on HTML, CSS, and other key Web technologies; this book presentsW3Schools tutorials in an easy-to-follow format for quicklearning Features a thorough reference section for easy review of suchitems as lists of tags, attributes, and symbols Covers elements and attributes, headings and paragraphs, formatting and styles, links and images, tables, lists, forms, colors, fonts, frames,

entities, head and meta, style sheets, styletags, and more Designed to get beginning Web developers up and running asquickly as possible, Learn HTML and CSS with W3Schoolspresents a proven, highly focused course of instruction in aneasy-to-use format.

JavaScript Bible

Pro CSS and HTML Design Patterns

Applying UML and Patterns

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.

Python For Dummies

Processing opened up the world of programming to artists, designers, educators, and beginners. The p5.js JavaScript implementation of Processing reinterprets it for today's web. This short book gently introduces the core concepts of computer programming and working with Processing. Written by the co-founders of the Processing project, Reas and Fry, along with Lauren McCarthy, one of the minds behind p5.js, Getting Started with Processing gets you in on the fun!

Artificial Intelligence with Python

Grasp the fundamentals of web application development by building a simple database-backed app from scratch, using HTML, JavaScript, and other open source tools. Through hands-on tutorials, this practical guide shows inexperienced web app developers how to create a user interface, write a server, build client-

server communication, and use a cloud-based service to deploy the application. Each chapter includes practice problems, full examples, and mental models of the development workflow. Ideal for a college-level course, this book helps you get started with web app development by providing you with a solid grounding in the process. Set up a basic workflow with a text editor, version control system, and web browser Structure a user interface with HTML, and include styles with CSS Use JQuery and JavaScript to add interactivity to your application Link the client to the server with AJAX, JavaScript objects, and ISON 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

Learn to Code HTML and CSS

Applying design patterns to HTML and CSS allows web developers and designers to improve their work, in terms of efficiency/productivity and end results, so this is an essential book for anyone involved in the industry. As well as information on CSS and HTML best practices, this book provides the reader with all the CSS and HTML design patterns they need, to adapt for their own projects quickly and easily, along with details of exactly how each one works, and how to use them most effectively. The book is up-to-date for modern browser support, and CSS and HTML specs.

Pro JavaScript Techniques

Ryan Dahl, creator of Node.js: \"This is an amazing introduction to Node.js\".The aim of The Node Beginner Book is to get you started with developing applications for Node.js, teaching you

everything you need to know about advanced JavaScript along the way.

Learning Web Design

Step-by-step guide reveals best practices for enhancing Web sites with Ajax A step-by-step guide to enhancing Web sites with Ajax. Uses progressive enhancement techniques to ensure graceful degradation (which makes sites usable in all browsers). Shows readers how to write their own Ajax scripts instead of relying on third-party libraries. Web site designers love the idea of Ajax--of creating Web pages in which information can be updated without refreshing the entire page. But for those who aren't hard-core programmers, enhancing pages using Ajax can be a challenge. Even more of a challenge is making sure those pages work for all users. In Bulletproof Ajax, author Jeremy Keith demonstrates how developers comfortable with

CSS and (X)HTML can build Ajax functionality without frameworks, using the ideas of graceful degradation and progressive enhancement to ensure that the pages work for all users. Throughout this step-by-step guide, his emphasis is on best practices with an approach to building Ajax pages called Hijax, which improves flexibility and avoids worst-case scenarios.

HTML 4 For Dummies

Master the Shiny web framework—and take your R skills to a whole new level. By letting you move beyond static reports, Shiny helps you create fully interactive web apps for data analyses. Users will be able to jump between datasets, explore different subsets or facets of the data, run models with parameter values of their choosing, customize visualizations, and much more. Hadley Wickham from RStudio shows data scientists, data analysts, statisticians, and

scientific researchers with no knowledge of HTML, CSS, or JavaScript how to create rich web apps from R. This in-depth guide provides a learning path that you can follow with confidence, as you go from a Shiny beginner to an expert developer who can write large, complex apps that are maintainable and performant. Get started: Discover how the major pieces of a Shiny app fit together Put Shiny in action: Explore Shiny functionality with a focus on code samples, example apps, and useful techniques Master reactivity: Go deep into the theory and practice of reactive programming and examine reactive graph components Apply best practices: Examine useful techniques for making your Shiny apps work well in production

Eloquent JavaScript

This is a hands-on book which introduces you to agile JavaScript web and mobile software

development using the latest cutting-edge frontend and back-end technologies including: Node.js, MongoDB, Backbone.js, Parse.com, Heroku and Windows Azure. Practical examples include building multiple versions of the Chat app: • ¡Query + Parse.com JS REST API • Backbone and Parse.com JS SDK • Backbone and Node.js • Backbone and Node.js + MongoDB The Chat application has all the foundation of a typical web/mobile application: fetching data, displaying it, submitting new data. Other examples in the book are as follows: • jQuery + Twitter RESP API "Tweet Analyzer" • Parse.com "Save John" • MongoDB "Print Collections" • Backbone. is "Apple Database" • Monk + Express.js "REST API Server" This book will save you many hours by providing a hand-picked and tested collection of quick start guides. RPJS has practical examples that allow to spend less time learning and more time building your own applications. Prototype fast and ship

code that matters! What You will Learn: You should expect a basic understanding from a collection of quick start guides, tutorials and suggestions for the develOpment apps discussed in this book. In addition to coding examples, the book covers virtually all setup and deployment step-by-step. You'll learn from the examples of Chat web/mobile applications starting with frontend components and by the end we'll put frontend and back-end together and deploy to the production environment. Who This Book is For: The typical programmer who wants to learn more about effective JavaScript coding.

Handmade Teaching Materials for Students With Disabilities

Librarians are beginning to see the importance of game based learning and the incorporation of games into library services. This book is written for them--so they can use games to improve

people's understanding and enjoyment of the library. Full of practical suggestions, the essays discuss not only innovative uses of games in libraries but also the game making process. The contributors are all well versed in games and game-based learning and a variety of different types of libraries are considered. The essays will inspire librarians and educators to get into this exciting new area of patron and student services.

HTML5

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

Coding For Dummies

What will you learn from this book? This brainfriendly 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 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.

CSS3: The Missing Manual

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 ISON - 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.

Getting Started with P5.js

Provides information and examples on writing JavaScript code, covering such topics as syntax, control, data, regular expressions, and scripting.

Beginning HTML, XHTML, CSS, and JavaScript

Unlock deeper insights into Machine Leaning with this vital guide to cutting-edge predictive

analytics About This Book Leverage Python's most powerful open-source libraries for deep learning, data wrangling, and data visualization Learn effective strategies and best practices to improve and optimize machine learning systems and algorithms Ask - and answer - tough questions of your data with robust statistical models, built for a range of datasets Who This Book Is For If you want to find out how to use Python to start answering critical questions of your data, pick up Python Machine Learning whether you want to get started from scratch or want to extend your data science knowledge, this is an essential and unmissable resource. What You Will Learn Explore how to use different machine learning models to ask different questions of your data Learn how to build neural networks using Keras and Theano Find out how to write clean and elegant Python code that will optimize the strength of your algorithms Discover how to embed your machine learning

model in a web application for increased accessibility Predict continuous target outcomes using regression analysis Uncover hidden patterns and structures in data with clustering Organize data using effective pre-processing techniques Get to grips with sentiment analysis to delve deeper into textual and social media data In Detail Machine learning and predictive analytics are transforming the way businesses and other organizations operate. Being able to understand trends and patterns in complex data is critical to success, becoming one of the key strategies for unlocking growth in a challenging contemporary marketplace. Python can help you deliver key insights into your data - its unique capabilities as a language let you build sophisticated algorithms and statistical models that can reveal new perspectives and answer key questions that are vital for success. Python Machine Learning gives you access to the world of predictive analytics and demonstrates why

Python is one of the world's leading data science languages. If you want to ask better questions of data, or need to improve and extend the capabilities of your machine learning systems, this practical data science book is invaluable. Covering a wide range of powerful Python libraries, including scikit-learn, Theano, and Keras, and featuring guidance and tips on everything from sentiment analysis to neural networks, you'll soon be able to answer some of the most important questions facing you and your organization. Style and approach Python Machine Learning connects the fundamental theoretical principles behind machine learning to their practical application in a way that focuses you on asking and answering the right questions. It walks you through the key elements of Python and its powerful machine learning libraries, while demonstrating how to get to grips with a range of statistical models.

Go Programming Language For Dummies

See all the things coding can accomplish The demand for people with coding know-how exceeds the number of people who understand the languages that power technology. Coding Allin-One For Dummies gives you an ideal place to start when you're ready to add this valuable asset to your professional repertoire. Whether you need to learn how coding works to build a web page or an application or see how coding drives the data revolution, this resource introduces the languages and processes you'll need to know. Peek inside to quickly learn the basics of simple web languages, then move on to start thinking like a professional coder and using languages that power big applications. Take a look inside for the steps to get started with updating a website, creating the next great mobile app, or exploring the world of data

science. Whether you're looking for a complete beginner's guide or a trusted resource for when you encounter problems with coding, there's something for you! Create code for the web Get the tools to create a mobile app Discover languages that power data science See the future of coding with machine learning tools With the demand for skilled coders at an all-time high, Coding All-in-One For Dummies is here to propel coding newbies to the ranks of professional programmers.

Coding All-in-One For Dummies

HTML and CSS can be a little daunting at first but fear not. This book, based on Shay Howe's popular workshop covers the basics and breaks down the barrier to entry, showing readers how they can start using HTML and CSS through practical techniques today. They'll find accompanying code examples online, while they

explore topics such as the different structures of HTML and CSS, and common terms. After establishing a basic understanding of HTML and CSS a deeper dive is taken into the box model and how to work with floats. The book includes an exercise focused on cleaning up a web page by improving the user interface and design, solely using HTML and CSS. With a few quick changes the web page changes shape and comes to life. Interactive, technically up-to-theminute and easy-to-understand, this book will advance a student's skills to a professional level.

HTML and CSS

An indispensable introductory guide to creating web pages using the most up-to-date standards This beginner guide shows you how to use XHTML, CSS, and JavaScript to create compelling Web sites. While learning these technologies, you will discover coding practices such as writing

code that works on multiple browsers including mobile devices, how to use AJAX frameworks to add interactivity to your pages, and how to ensure your pages meet accessible requirements. Packed with real-world examples, the book not only teaches you how to write Web sites using XHTML, CSS and JavaScript, but it also teaches you design principles that help you create attractive web sites and practical advice on how to make web pages more usable. In addition, special checklists and appendices review key topics and provide helpful references that re-enforce the basics you've learned. Serves as an ideal beginners guide to writing web pages using XHTML Explains how to use CSS to make pages more appealing and add interactivity to pages using JavaScript and AJAX frameworks Share advice on design principles and how to make pages more attractive and offers practical help with usability and accessibility Features checklists and appendices that review key topics

This introductory guide is essential reading for getting started with using XHTML, CSS and JavaScript to create exciting and compelling Web sites. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Fast, Focused Instruction For Beginning Web Developers With JavaScript & Ajax

Due to the varied history of learning among disabled students, educators should ideally develop content tailored to each student's specific needs. However, in order to accomplish this, educators require easy-to-handle software and hardware for creating original content and aid for students with disabilities in their classes. Handmade Teaching Materials for Students With Disabilities provides emerging research exploring the theoretical and practical aspects of materials

and technology made to help teachers in providing content and aid for students with disabilities and their applications within education. Featuring coverage on a broad range of topics such as assistive technologies, instructional practice, and teaching materials, this book is ideally designed for school teachers, pre-service teachers, academicians, researchers, and parents seeking current research on advancements in materials provided for teachers of disabled students.

The Routledge Handbook of Corpus Linguistics

Ready, set, program with Go! Now is the perfect time to learn the Go Programming Language. It's one of the most in-demand languages among tech recruiters and developers love its simplicity and power. Go Programming Language For Dummies is an easy way to add this top job skill

to your toolkit. Written for novice and experienced coders alike, this book traverses basic syntax, writing functions, organizing data, building packages, and interfacing with APIs. Go—or GoLang, as it's also known—has proven to be a strong choice for developers creating applications for the cloud-based world we live in. This book will put you on the path to using the language that's created some of today's leading web applications, so you can steer your career where you want to Go! Learn how Go works and start writing programs and modules Install and implement the most powerful third-party Go packages Use Go in conjunction with web services and MySQL databases Keep your codebase organized and use Go to structure data With this book, you can join the growing numbers of developers using Go to create 21st century solutions. Step inside to take start writing code that puts data in users' hands.

Sams Teach Yourself HTML, CSS, and JavaScript All in One

The Routledge Handbook of Corpus Linguistics 2e provides an updated overview of a dynamic and rapidly growing area with a widely applied methodology. Over a decade on from the first edition of the Handbook, this collection of 47 chapters from experts in key areas offers a comprehensive introduction to both the development and use of corpora as well as their ever-evolving applications to other areas, such as digital humanities, sociolinguistics, stylistics, translation studies, materials design, language teaching and teacher development, media discourse, discourse analysis, forensic linguistics, second language acquisition and testing. The new edition updates all core chapters and includes new chapters on corpus linguistics and statistics, digital humanities, translation, phonetics and phonology, second language

acquisition, social media and theoretical perspectives. Chapters provide annotated further reading lists and step-by-step guides as well as detailed overviews across a wide range of themes. The Handbook also includes a wealth of case studies that draw on some of the many new corpora and corpus tools that have emerged in the last decade. Organised across four themes, moving from the basic start-up topics such as corpus building and design to analysis, application and reflection, this second edition remains a crucial point of reference for advanced undergraduates, postgraduates and scholars in applied linguistics.

Python Machine Learning

Build real-world Artificial Intelligence applications with Python to intelligently interact with the world around you About This Book Step into the amazing world of intelligent apps using this

comprehensive guide Enter the world of Artificial Intelligence, explore it, and create your own applications Work through simple yet insightful examples that will get you up and running with Artificial Intelligence in no time Who This Book Is For This book is for Python developers who want to build real-world Artificial Intelligence applications. This book is friendly to Python beginners, but being familiar with Python would be useful to play around with the code. It will also be useful for experienced Python programmers who are looking to use Artificial Intelligence techniques in their existing technology stacks. What You Will Learn Realize different classification and regression techniques Understand the concept of clustering and how to use it to automatically segment data See how to build an intelligent recommender system Understand logic programming and how to use it Build automatic speech recognition systems Understand the basics of heuristic search and

genetic programming Develop games using Artificial Intelligence Learn how reinforcement learning works Discover how to build intelligent applications centered on images, text, and time series data See how to use deep learning algorithms and build applications based on it In Detail Artificial Intelligence is becoming increasingly relevant in the modern world where everything is driven by technology and data. It is used extensively across many fields such as search engines, image recognition, robotics, finance, and so on. We will explore various realworld scenarios in this book and you'll learn about various algorithms that can be used to build Artificial Intelligence applications. During the course of this book, you will find out how to make informed decisions about what algorithms to use in a given context. Starting from the basics of Artificial Intelligence, you will learn how to develop various building blocks using different data mining techniques. You will see how to

implement different algorithms to get the best possible results, and will understand how to apply them to real-world scenarios. If you want to add an intelligence layer to any application that's based on images, text, stock market, or some other form of data, this exciting book on Artificial Intelligence will definitely be your guide! Style and approach This highly practical book will show you how to implement Artificial Intelligence. The book provides multiple examples enabling you to create smart applications to meet the needs of your organization. In every chapter, we explain an algorithm, implement it, and then build a smart application.

Pro iOS Geo

Learn how to build dynamic web applications with Express, a key component of the Node/JavaScript development stack. In this

hands-on guide, author Ethan Brown teaches you the fundamentals through the development of a fictional application that exposes a public website and a RESTful API. You'll also learn web architecture best practices to help you build single-page, multi-page, and hybrid web apps with Express. Express strikes a balance between a robust framework and no framework at all. allowing you a free hand in your architecture choices. With this book, frontend and backend engineers familiar with JavaScript will discover new ways of looking at web development. Create webpage templating system for rendering dynamic data Dive into request and response objects, middleware, and URL routing Simulate a production environment for testing and development Focus on persistence with document databases, particularly MongoDB Make your resources available to other programs with RESTful APIs Build secure apps with authentication, authorization, and HTTPS

Integrate with social media, geolocation, and other third-party services Implement a plan for launching and maintaining your app Learn critical debugging skills This book covers Express 4.0.

Games in Libraries

The new edition of the ultimate comprehensive guide to Microsoft Visual Basic Where most VB books start with beginner level topics, Mastering Visual Basic 2010 vaults you right into intermediate and advanced coverage. From the core of the language and user interface design to developing data-driven applications, this detailed book brings you thoroughly up to speed and features numerous example programs you can use to start building your own apps right away. Covers Visual Basic 2010, part of Microsoft's Visual Studio integrated development environment (IDE), which includes C#, C++,

Visual Web Developer, and ASP.NET, along with Visual Basic Explains topics in the thorough, step-by-step style of all books in the Mastering series, providing you ample instruction, tips, and techniques Helps you build your own applications by supplying sample code you can use to start development Includes review exercises in each chapter to reinforce concepts as you learn All the books in the Sybex Mastering series feature comprehensive and expert coverage of topics you can put to immediate use. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Full Stack JavaScript

Sams Teach Yourself HTML, CSS and JavaScript
All in One The all-in-one HTML, CSS and
JavaScript beginner's guide: covering the three
most important languages for web development.
Covers everything beginners need to know about

the HTML and CSS standards and today's JavaScript and Ajax libraries - all in one book, for the first time Integrated, well-organized coverage expertly shows how to use all these key technologies together Short, simple lessons teach hands-on skills readers can apply immediately By best-selling author Julie Meloni Mastering HTML, CSS, and JavaScript is vital for any beginning web developer - and the importance of these technologies is growing as web development moves away from proprietary alternatives such as Flash. Sams Teach Yourself HTML, CSS, and JavaScript All in One brings together everything beginners need to build powerful web applications with the HTML and CSS standards and the latest JavaScript and Ajax libraries. With this book, beginners can get all the modern web development knowledge you need from one expert source. Bestselling author Julie Meloni (Sams Teach Yourself PHP, MySQL and Apache All in One) teaches simply and

clearly, through brief, hands-on lessons focused on knowledge you can apply immediately. Meloni covers all the building blocks of practical web design and development, integrating new techniques and features into every chapter. Each lesson builds on what's come before, showing you exactly how to use HTML, CSS, and JavaScript together to create great web sites.

Web Programming with HTML5, CSS, and JavaScript

Coding For Dummies, (9781119293323) was previously published as Coding For Dummies, (9781118951309). While this version features a new Dummies cover and design, the content is the same as the prior release and should not be considered a new or updated product. Hands-on exercises help you learn to code like a pro No coding experience is required for Coding For Dummies, your one-stop guide to building a

foundation of knowledge in writing computer code for web, application, and software development. It doesn't matter if you've dabbled in coding or never written a line of code, this book guides you through the basics. Using foundational web development languages like HTML, CSS, and JavaScript, it explains in plain English how coding works and why it's needed. Online exercises developed by Codecademy, a leading online code training site, help hone coding skills and demonstrate results as you practice. The site provides an environment where you can try out tutorials built into the text and see the actual output from your coding. You'll also gain access to end-of-chapter challenges to apply newly acquired skills to a less-defined assignment. So what are you waiting for? The current demand for workers with coding and computer science skills far exceeds the supply Teaches the foundations of web development languages in an easy-to-

understand format Offers unprecedented opportunities to practice basic coding languages Readers can access online hands-on exercises and end-of-chapter assessments that develop and test their new-found skills If you're a student looking for an introduction to the basic concepts of coding or a professional looking to add new skills, Coding For Dummies has you covered.

The Node Beginner Book

'Agile Web Development with Rails 4' helps you produce high-quality, beautiful-looking web applications quickly. You concentrate on creating the application, and Rails takes care of the details. This edition now gives new Ruby and Rails users more information on the Ruby language and takes more time to explain key concepts throughout.

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