

Notepad) and a browser, and you're ready to go!

You Will Learn Python 3! Zed Shaw has perfected the world's best system for learning Python 3. Follow it and you will succeed—just like the millions of beginners Zed has taught to date! **You bring the discipline, commitment, and persistence; the author supplies everything else.** In **Learn Python 3 the Hard Way**, you'll learn Python by working through 52 brilliantly crafted exercises. Read them. Type their code precisely. (No copying and pasting!) Fix your mistakes. Watch the programs run. As you do, you'll learn how a computer works; what good programs look like; and how to read, write, and think about code. Zed then teaches you even more in 5+ hours of video where he shows you how to break, fix, and debug your code—live, as he's doing the exercises. Install a complete Python environment **Organize and write code** Fix and break code **Basic mathematics** Variables Strings and text **Interact with users** Work with files **Looping and logic** Data structures using lists and dictionaries **Program design** Object-oriented programming **Inheritance and composition** Modules, classes, and objects **Python packaging** Automated testing **Basic game development** **Basic web development** **It'll be hard at first. But soon, you'll just get it—and that will feel great!** **This course will reward you for every minute you put into it. Soon, you'll know one of the world's most powerful, popular programming languages. You'll be a Python programmer. This Book Is Perfect For Total beginners with zero programming experience Junior developers who know one or two languages Returning professionals who haven't written code in years Seasoned professionals looking for a fast, simple, crash course in Python 3**

The book provides plenty of fun example code and screenshots to guide you through the creation of examples to assist with learning. By taking a chapter-by-chapter look at each major aspect of the Ext JS framework, the book lets you digest the available features in small, easily understandable chunks, allowing you to start using the library for your development needs immediately. This book is written for Web Application Developers who are familiar with HTML but may have little to no experience with JavaScript application development. If you are starting to build a new web application, or are re-vamping an existing web application, then this book is for you.

Ext JS Data-Driven Application Design

The Sequel to One of Us Is Lying

Mastering Ext JS

Learning Extjs - Fourth Edition

Mastering Ext JS - Second Edition

One of Us Is Next

A fast-paced developer's guide to using Symfony2 to make your everyday web development work more efficient About This Book Build web applications with the latest features of Symfony2 Focus on common tasks such as creating CRUD, creating an API, and providing a login Install and configure Symfony2 and evaluate it for your everyday needs Who This Book Is For This book is aimed at experienced programmers, especially those familiar with a closely related technology such as Yii or Laravel, but who now want to learn Symfony quickly. This book will also prove beneficial for experienced PHP developers who want to explore and evaluate new frameworks and their possibilities in day-to-day tasks. What You Will Learn Familiarise yourself with the Symfony framework, its latest features, and how to install it Discover the concept of bundles and their application Handle translations within Symfony, enable translations, and learn how to handle database translations Understand Symfony's security model, how to secure applications, and implement a custom authentication provider by using FOSUserBundle Explore the use of Twig, find best practices around its usage, and discover its common pitfalls Create internal commands that will handle sending e-mail reminders for your app Develop a plugin for the profiler to provide custom information about your application Deploy applications based on Symfony2 using various methods including simple FTP copying, rsync, CI deployment, and more In Detail Symfony is a free and open source PHP MVC web application development framework, which helps you create and maintain web applications and replace recurrent coding tasks. It integrates with an independent library, PHPUnit, to give you a rich testing framework. It is one of the best and most popular frameworks available on the market. Popular projects such as Drupal, Laravel, and phpBB also use Symfony. Its well-organized structure, clean code, and good programming practices make web development a breeze. Symfony2 Essentials will guide you through the process of creating a sample web application with Symfony2. You will create a To-Do application, using a few of the most commonly used Symfony2 components, and discover how to perform these development tasks efficiently. This book introduces you to the Symfony framework with a quick installation guide and a brief explanation of its key features including the MVC architecture, twig templating, dependency injection, and more. You will learn to manage dependencies, create controllers, views, and API calls, and secure your application. Next, you will go through the steps that are common for most web applications, which include writing CRUD and AJAX, handling forms, validation, translations, and the command-line interface, and e-mail sending features. The book ends with best practices, debugging, profiling, and deployment procedures. By the end of this book, you will have learned how to combine a Symfony2 framework with other open source code to speed up the development process. Style and approach A fast-paced, step-by-step guide with examples on how to write the most common pieces of code while developing typical web applications with Symfony.

Algorithms and Data Structures for External Memory describes several useful paradigms for the design and implementation of efficient external memory (EM) algorithms and data structures. The problem domains considered include sorting, permuting, FFT, scientific computing, computational geometry, graphs, databases, geographic information systems, and text and string processing.

This book provides a timely introduction to the new and simplified Microsoft web service architecture, ASP.NET Web API.

A project based guide to help you get started with web development by building real-world and modern web applications About This Book Learn JavaScript from scratch by building clones of popular web applications Understand the core concepts and techniques surrounding JavaScript with this power-packed hands-on guide Explore modern JavaScript frameworks and libraries such as Node, React and Webpack Who This Book Is For The target audience for this book is developers with little or basic knowledge of working with JavaScript. If you are an emerging web developer with experience in building static web pages using HTML and CSS, this book will teach you to add JavaScript elements to make your website interactive and dynamic. What You Will Learn A strong understanding of web application development with JavaScript and ES6. A firm foundation on which to master other JavaScript frameworks and libraries. Write maintainable and scalable code by organizing functions into modules. Importance of tools such as Node, NPM, Babel, and Webpack in Front-end development. Work with real-time data such as incoming video streams, texts, and so on Integrate React with JavaScript to build large-scale applications. Utilize Redux to manage data across React components and greatly speed up the development process In Detail JavaScript is the programming language that all web developers need to learn. The first item on our JavaScript to-do list is building g a To-do list app, which you'll have done by the end of the first chapter. You'll explore DOM manipulation with JavaScript and work with event listeners. You'll work with images and text to build a Meme creator. You will also learn about ES (ECMAScript) classes, and will be introduced to layouts using the CSS3 Flexbox. You'll also develop a responsive Event Registration form that allows users to register for your upcoming event and use charts and graphics to display registration data. You will then build a weather application, which will show you different ways perform AJAX requests and work with dynamic, external data. WebRTC enables real-time communication in a web browser; you'll learn how to use it when you build a real-time video-call and chat application later in the book. Towards the end of the book, you will meet React, Facebook's JavaScript library for building user interfaces. You'll throw together a blog with React, and get a feel for why this kind of JavaScript framework is used to build large-scale applications. To make your blog more maintainable and scalable, you'll use Redux to manage data across React components. Style and approach This project-based guide will teach you all the facets of JavaScript through real-world app examples.

If you want to build your organization's next web application with HTML5, this practical book will help you sort through the various frameworks, libraries, and development options that populate this stack. You'll learn several of these approaches hands-on by writing multiple versions of a sample web app throughout the book, so you can determine the right strategy for your enterprise. What's the best way to reach both mobile and desktop users? How about modularization, security, and test-driven development? With lots of working code samples, this book will help web application developers and software architects navigate the growing number of HTML5 and JavaScript choices available. The book's sample apps are available at <http://savesickchild.org>. Mock up the book's working app with HTML, JavaScript, and CSS Rebuild the sample app, first with jQuery and then Ext JS Work with different build tools, code generators, and package managers Build a modularized version of the app with RequireJS Apply test-driven development with the Jasmine framework Use WebSocket to build an online auction for the app Adapt the app for both PCs and mobile with responsive web design Create mobile versions with jQuery Mobile, Sencha Touch, and PhoneGap

It Starts with Us

Ext.Net Web Application Development

Learning Ext JS 3.2

A Real-World App Approach

Oracle Application Express 4.0 with Ext JS

A Very Simple Introduction to the Terrifyingly Beautiful World of Computers and Code

This is a step-by-step tutorial packed with examples and tips to learn Ext.NET from scratch. This book is written for .NET Web Application Developers who are familiar with ASP.NET looking to build .NET based Rich Internet Applications. Whether you are new to Ext JS or you are looking to use your existing Ext JS skills in a .NET environment, this book will be useful for you.

This book is ideal for JavaScript developers and programmers who work with any type of user entry data and want sharpen their skills to become experts.

#1 NEW YORK TIMES BESTSELLER • The highly anticipated sequel to One of Us Is Lying! There's a new mystery to solve at Bayview High, and there's a whole new set of rules. Fans of the hit thriller that started it all can watch the secrets of the Bayview Four be revealed in the One of Us Is Lying TV series now streaming on NBC's Peacock! Come on, Bayview, you know you've missed this. A ton of copycat gossip apps have popped up since Simon died, but in the year since the Bayview four were cleared of his shocking death, no one's been able to fill the gossip void quite like he could. The problem is no one has the facts. Until now. This time it's not an app, though—it's a game. Truth or Dare. Phoebe's the first target. If you choose not to play, it's a truth. And hers is dark. Then comes Maeve and she should know better—always choose the dare. But by the time Knox is about to be tagged, things have gotten dangerous. The dares have become deadly, and if Maeve learned anything from Bronwyn last year, it's that they can't count on the police for help. Or protection. Simon's gone, but someone's determined to keep his legacy at Bayview High alive. And the rules have changed. “Few craft teen suspense like McManus.” --Entertainment Weekly “A thriller from one of the best writers in the YA mystery genre, One of Us Is Next delivers more shocking surprises and twists you won't see coming.” --PASTE

If you are a developer who is familiar with Ext JS and want to augment your skills to create even better web applications, this is the book for you. Basic knowledge of JavaScript/HTML/CSS and any server-side language (PHP, Java, C#, Ruby, or Python) is required.

Before It Ends with Us, it started with Atlas. Colleen Hoover tells fan favourite Atlas' side of the story and shares what comes next in this long-anticipated sequel to the #1 Sunday Times bestseller It Ends with Us.

JavaScript for Impatient Programmers

Advanced R

Frontier Computing

Learning Highcharts 4

Java Cookbook

Modern JavaScript Applications

No matter how much experience you have with JavaScript, odds are you don't fully understand the language. As part of the "You Don't Know JS" series, this concise yet in-depth guide focuses on new asynchronous features and performance techniques—including Promises, generators, and Web Workers—that let you create sophisticated single-page web applications and escape callback hell in the process. Like other books in this series, You Don't Know JS: Async & Performance dives into trickier parts of the language that many JavaScript programmers simply avoid. Armed with this knowledge, you can become a true JavaScript master. With this book you will: Explore old and new JavaScript methods for handling asynchronous programming Understand how callbacks let third parties control your program's execution Address the "inversion of control" issue with JavaScript Promises Use generators to express async flow in a sequential, synchronous-looking fashion Tackle program-level performance with Web Workers, SIMD, and asm.js Learn valuable resources and techniques for benchmarking and tuning your expressions and statements

Summary Ext JS in Action, Second Edition teaches Ext JS from the ground up. You'll start with a quick overview of the framework and then explore the core components by diving into complete examples, engaging illustrations, and crisp, straightforward explanations. You'll feel like you have an expert guide right at your elbow teaching you important Ext techniques and offering insight into its inner workings. Along the way, you'll learn the best practices for building and scaling full-featured web applications, including how to customize and build Ext widgets. Fully revised for Ext JS 4.0. About this Book Ext JS is a mature JavaScript web application framework that provides modern UI widgets and an advanced MVC architecture. It helps you manage tedious boilerplate and minimize hand-coded HTML and browser incompatibilities. Ext JS in Action, Second Edition starts with a quick overview of the framework and then explores the core components by diving into complete examples, engaging illustrations, and clear explanations. You'll feel like you have an expert guide at your elbow as you learn the best practices for building and scaling full-featured web applications. A working knowledge of JavaScript is assumed. No prior experience with Ext JS is required. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. What's Inside Building professional web apps with Ext JS Stamping out DOM fragments with templates Customizing and building Ext widgets Masterful UI design Fully revised for Ext JS version 4.0 About the Authors Jay Garcia is a well-known member of the Ext JS community and a contributor to the framework. He wrote Sencha Touch in Action. Grgur Grisogono founded SourceDevCon in London, UK and Split, Croatia. Jacob Andresen is a consultant specializing in large scale internet applications. Table of Contents PART 1 INTRODUCTION TO EXT JS 4.0 A framework apart DOM manipulation Components and containers PART 2 EXT JS COMPONENTS Core UI components Exploring layouts Forms in Ext JS The data store The grid panel Taking root with trees Drawing and charting Remote method invocation with Ext Direct Drag-and-drop PART 3 BUILDING AN APPLICATION Class system foundations Building an application

Intended to refresh the basics of Delphi as well as advance your knowledge to the next level, it is assumed you will know RAD studio and the Object Pascal language. However, if you are not an experienced RAD studio programmer this accessible guide will still develop those initial crucial skills.

Jump into the world of Near Field Communications (NFC), the fast-growing technology that lets devices in close proximity exchange data, using radio signals. With lots of examples, sample code, exercises, and step-by-step projects, this hands-on guide shows you how to build NFC applications for Android, the Arduino microcontroller, and embedded Linux devices. You'll learn how to write apps using the NFC Data Exchange Format (NDEF) in PhoneGap, Arduino, and node.js that help devices read messages from passive NFC tags and exchange data with other NFC-enabled devices. If you know HTML and JavaScript, you're ready to start with NFC. Dig into NFC's architecture, and learn how it's related to RFID Write sample apps for Android with PhoneGap and its NFC plugin Dive into NDEF: examine existing tag-writer apps and build your own Listen for and filter NDEF messages, using PhoneGap event listeners Build a full Android app to control lights and music in your home Create a hotel registration app with Arduino, from check-in to door lock Write peer-to-peer NFC messages between two Android devices Explore embedded Linux applications, using examples on Raspberry Pi and BeagleBone

With Learning JavaScript Design Patterns, you'll learn how to write beautiful, structured, and maintainable JavaScript by applying classical and modern design patterns to the language. If you want to keep your code efficient, more manageable, and up-to-date with the latest best practices, this book is for you. Explore many popular design patterns, including Modules, Observers, Facades, and Mediators. Learn how modern architectural patterns—such as MVC, MVP, and MVVM—are useful from the perspective of a modern web application developer. This book also walks experienced JavaScript developers through modern module formats, how to namespace code effectively, and other essential topics. Learn the structure of design patterns and how they are written Understand different pattern categories, including creational, structural, and behavioral Walk through more than 20 classical and modern design patterns in JavaScript Use several options for writing modular code—including the Module pattern, Asynchronous Module Definition (AMD), and CommonJS Discover design patterns implemented in the jQuery library Learn popular design patterns for writing maintainable jQuery plug-ins “This book should be in every JavaScript developer's hands. It's the go-to book on JavaScript patterns that will be read and referenced many times in the future.”—Andrée Hansson, Lead Front-End Developer, presis!

Practical Ext JS Projects with Gears

Learning the bash Shell

Beginning NFC

Building HTML5 Applications: From Desktop to Mobile

JavaScript Regular Expressions

Theory, Technologies and Applications (FC 2018)

An in-depth tutorial that teaches you the basics of data-driven applications, and how to design and implement them using Ext JS. If you are an intermediate in Sencha Ext JS, Ext JS Data-Driven Application Design is the tutorial for you. You need to be familiar with JavaScript and have basic operational knowledge of MySQL. If you want to be able to systematically construct an application from the first step to implementation, this book will be useful for you.

Ext JS in Action

JavaScript by Example

Enterprise Web Development

A JavaScript and jQuery Developer's Guide