
Get Free Refresher On NET And Software Design Fundamentals For C Developers

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V7BXWW - SHANNON DAVIES

Although many software books highlight open problems in secure software development, few provide easily actionable, ground-level solutions. Breaking the mold, Secure and Resilient Software Development teaches you how to apply best practices and standards for consistent and secure software development. It details specific quality software developmen

Originally published: Upper Saddle River, NJ: Addison-Wesley, 2006 under title: Software engineering with Microsoft Visual studio team system.

Most Visual Basic .NET books are written for experienced object-oriented programmers, but many programmers jumping on the .NET bandwagon are coming from non-object-oriented languages, such as Visual Basic 6.0 or from script programming, such as JavaScript. These programmers, and those who are adopting VB.NET as their first programming language, have been out of luck when it comes to finding a high-quality introduction to the language that helps them get started. That's why Jesse Liberty, author of the best-selling books Programming C# and Programming ASP.NET, has written an entry-level guide to Visual Basic .NET. Written in a warm and friendly manner, this book assumes no prior programming experience, and provides an easy introduction to Microsoft's most popular .NET language. Learning Visual Basic .NET is a complete introduction to VB.NET and object-oriented programming. This book will help you build a solid foundation in .NET, and show how to apply your skills by using hundreds of examples to help you become productive quickly. Learning Visual Basic .NET introduces fundamentals like Visual Studio .NET, a tool set for building Windows and Web applications. You'll learn about the syntax and structure of the Visual Basic .NET language, including operators, classes and interfaces, structs, arrays, and strings. Liberty then demonstrates how to develop various kinds of applications--including those that work with databases--and web services. By the time you've finished Learning Visual Basic .NET, you'll be ready to move on to a more advanced programming guide that will help you create large-scale web and Windows applications. Whether you have a little object-oriented programming experience or you are new to programming altogether, Visual Basic .NET will set you firmly on your way to mastering the essentials of the VB.NET language.

C# Complete is a one-of-a-kind book--valuable both for its broad content and its low price. Whether you're brand-new to C# programming, are migrating from Visual Basic or Visual C++ to C#, or have already developed some expertise in C#, you'll get the skills you need to become proficient with Microsoft's powerful new language designed for the .NET platform. Creating complex applications in the .NET Framework is made easier with C#--Microsoft's first true object-oriented programming lan-

guage. In C# Complete, you'll get a clear picture of everything you need to know for developing applications using C#. You'll begin by learning the essential elements of the language and of Visual Studio .NET, in which you'll develop and run programs in a comprehensive integrated development environment. You'll see how to create functional and exciting user interfaces and desktop applications written with C#, and how to incorporate threads to their best advantage. You'll explore the use of ADO.NET classes in development of C# database applications. Chapters on ASP.NET Web Services will walk you through the building of an XML web services application. You'll also visit some advanced topics, including designing with security in mind, overcoming the shortcomings of the .NET Framework, and working with the Microsoft Mobile Internet Toolkit. C# Complete introduces you to the work of some of Sybex's finest authors, so you'll know where to go to learn even more about C# and the .NET Framework. Inside: Visual C# .NET Essentials Introduction to Visual C# and the .NET Framework Zen and Now: The C# Language Strings Object Oriented Programming Derived Classes Arrays, Indexers, and Collections Reflecting on Classes C# Application Development Building a Better Windows User Interface Building Desktop Applications Working with Threads Database Development with C# Overview of the ADO.NET Classes ADO.NET Application Development Using DataSet Objects to Store Data Using DataSet Objects to Modify Data ASP.NET and Web Services Introduction to C# Web Applications Using XML in Web Applications Web Services Building Your Own Web Controls Advanced C# Development Overcoming Holes in the .NET Framework Overcoming Security Issues Getting Started with Mobile Internet Toolkit

Step-by-step guide to all the tools and extensions in the Visual Studio 2019 IDE DESCRIPTION This book peeks into every corner of the Visual Studio IDE and will help you get started with the latest 2019 version. Right from installation, you'll discover new features within the tool and the optimal way to use the features you may already know. You'll learn, for example, how to extend Visual Studio with your own customizations, so that you can make it perform the way you want. You will then explore everything about NuGet package, test applications using Live Unit Testing, and learn how to make code templates using the T4 code generation tool. You'll get to grips with the richer JavaScript IntelliSense, which will help you focus more on coding. Moving on, you'll learn to work with the dedicated workloads for data storage and data science. You will also review the more advanced architecture tools concealed within the IDE and finally create cloud-first applications powered by Microsoft Azure using the built-in suite of Azure tools. KEY FEATURES ● Create and use custom IDE extensions ● Find, download, and use the best IDE extensions for web, mobile, Azure, and Windows ● Enhance programming experience and time with debugging tools ● Enhance coding capabilities with coding

tools ● Test projects proactively ● Create powerful web, mobile, and Azure solutions for the real world **WHAT WILL YOU LEARN** By the end of the book, you will be able to tackle any solution for any platform head-on. You will create real-world solutions from start to finish. By using the tools and extensions outlined in this book, you will be able to code better and faster, debug better, share your code with more peers, test your code better, and install or publish your apps quicker and without issues. **WHO THIS BOOK IS FOR** The book is intended for any .NET developer. You can be a seasoned developer or a newbie just starting out. This book will play a pivotal role in presenting all the tools you need to become a better developer. **Table of Contents** 1. Getting started with Visual Studio 2. Digging in the Visual Studio IDE 3. IntelliSense 4. Language & coding changes in C# 5. What's new in .Net core 6. Built-in tools 7. Debugging tools 8. Testing tools 9. ASP.NET tools 10. Mobile tools 11. Azure tools 12. IDE extensions 13. ASP.NET extensions 14. Mobile extensions 15. Azure DevOps extensions

Functional programming is a very powerful programming paradigm that can help us to write better code. This book presents essential functional and reactive programming concepts in a simplified manner using Typescript.

*Exploits new features of Visual Studio .NET 2003 and the Oracle database 10g. (But concepts and code still apply to the earlier releases, 8i and 9i, that currently comprise most business systems).

*Explains Oracle programming using both C# and VB.NET languages; provides a one-stop reference for VS.NET developers working with Oracle. *Excellent resource for J2EE programmers in environments considering moving to a .NET environment (and retaining the Oracle database).

AAE publishes empirical and non-empirical research in Accounting Education. Volume 24 addresses five key themes: (1) research on student attitudes and behaviour, (2) cases and pedagogical approaches in tax, (3) financial reporting and introductory accounting, (4) research about the CPA exam, and (5) international perspectives.

Are you searching for a coding language that will work for you? Do you want to create your own website or desktop applications? If so, C# is the right choice for you. When it comes to programming and choosing a coding language there are so many on the market that the beginner is faced with a bewildering choice and it can appear that they all do much the same job. But if creating visually elegant and functional applications is what you want, then C# is the one for you. Now, with C#: 2 books in 1 - The Ultimate Beginner's & Intermediate Guide to Learn C# Programming Step by Step, even a complete beginner can start to understand and develop programs and increase his knowledge with it through chapters on: **Book 1** • What C# is • An overview of the features • Program structure and basic syntax • Working with variables • The conditional statements • C# methods • 7 data types supported by C# • Accurate use of operators and conditional statements • Proper use of arrays, structures, and encapsulations • And lots more... **Book 2** • How C# was conceived and where it came from • C# interfaces and how to use them • Advanced decision statements and flow control • The different functions that are available • An introduction to garbage collections • Asynchronous programming and what it does • And much more... **Book 3** • An insight into advanced C# languages • Dealing with unary and binary operators overload • Simple ways to fix name clashes • How to create and apply custom attributes • The benefits of CIL and dynamic assemblies • Graphics rendering made easy • The purpose and uses for NET core With the information contained in this book you

could be on your way to learning how this guide can develop and expand on your programming knowledge and lead you to exciting new discoveries in this fascinating subject. This book will help you take the next step up from the basics of C# quickly and seamlessly. Get a copy now and begin your journey to a better and simpler world of programming.

This is a fun book that teaches fundamental concepts of object-oriented programming using games as example applications.

Visual Studio 2008 is packed with features that help you create better software and do it with less repetition and drudgery. Visual Studio 2008 All-In-One Desk Reference For Dummies shows you how to make the most of this cool suite of tools! It's all here! This comprehensive, seven-books-in-one guide gets you up and running with Visual Studio 2008 in no time. You'll discover Microsoft's vision for Visual Studio, get familiar with the .Net environment and languages, and learn how to install, browse, and make connections with Visual Studio. Soon, you'll be building applications for Vista, Office 2007, and mobile devices; using AJAX and LINQ; and testing and debugging your programs. Discover how to: Understand Visual Studio's role in software development Work with .Net languages Develop applications for Vista Build smart client interfaces Use the visual data designer Use Ajax controls Streamline application deployment Debug your applications Explore ASP. NET services Work with strongly typed data sets Access data with Visual Studio Program with Visual Studio 2008 Build professional reports with Crystal Reports Fully updated with new information on Vista and .NET Framework 3.0 development, MS Office application development, and more, Visual Studio 2008 All-In-One Desk Reference For Dummies also features a companion Web site packed with sample projects, supplemental podcasts, and a support forum. You'll never find a smarter way to get up to speed with Visual Studio 2008!

Refactoring is an effective way to quickly uncover problematic code and fix it. In this first book to provide a hands-on approach to refactoring in C# and ASP.NET, you'll discover to apply refactoring techniques to manage and modify your code. Plus, you'll learn how to build a prototype application from scratch and discover how to refactor the prototype into a properly designed, enterprise-level application. With the help of step-by-step directions, you'll gain a better understanding of different code issues and refactoring transformations. Many of these transformations are developed from real-world scenarios that are the result of key business decisions. In addition, you'll find formal definitions of refactoring techniques that you'll be able to refer to while on the job. This book covers the refactoring techniques that will enable you to become more efficient and productive. You'll be able to use this information to respond to change and improve the design of existing code. What you will learn from this book How to assemble your own refactoring toolkit Techniques for performing unit testing Tips on refactoring to patterns How to use refactoring to upgrade legacy C# and ASP.NET code Ways to take advantage of the method extraction to eliminate duplicated code How to make code simpler, easier to modify, and more understandable All about object oriented theory and design patterns Methods for using LINQ and other C# 3.0 enhancements Who this book is for This book is for C# and ASP.NET developers who want to learn how to effectively manage and modify their code with refactoring tools and features. Wrox Professional guides are planned and written by working programmers to meet the real-world needs of programmers, developers, and IT professionals. Focused and relevant, they address the issues technology professionals face every day. They provide examples,

practical solutions, and expert education in new technologies, all designed to help programmers do a better job.

Provides information about the new lightweight software development methodology.

While some of us enjoy a lively debate with colleagues and others prefer to suppress our feelings over disagreements, we all struggle with conflict at work. Every day we navigate an office full of competing interests, clashing personalities, limited time and resources, and fragile egos. Sure, we share the same overarching goals as our colleagues, but we don't always agree on how to achieve them. We work differently. We rub each other the wrong way. We jockey for position. How can you deal with conflict at work in a way that is both professional and productive—where it improves both your work and your relationships? You start by understanding whether you generally seek or avoid conflict, identifying the most frequent reasons for disagreement, and knowing what approaches work for what scenarios. Then, if you decide to address a particular conflict, you use that information to plan and conduct a productive conversation. The HBR Guide to Dealing with Conflict will give you the advice you need to: Understand the most common sources of conflict Explore your options for addressing a disagreement Recognize whether you—and your counterpart—typically seek or avoid conflict Prepare for and engage in a difficult conversation Manage your and your counterpart's emotions Develop a resolution together Know when to walk away Arm yourself with the advice you need to succeed on the job, with the most trusted brand in business. Packed with how-to essentials from leading experts, the HBR Guides provide smart answers to your most pressing work challenges.

This certification exam measures the ability to develop and implement Web-based applications with Web forms, ASP.NET, and the Microsoft .NET Framework. This exam counts as a core credit toward the new MCAD (Microsoft Certified Application Developer) certification as well as a core credit toward the existing MCSD .NET certification. This book is not intended to teach new material. Instead it assumes that you have a solid foundation of knowledge but can use a refresher on important concepts as well as a guide to exam topics and objectives. This book focuses exactly on what you need to pass the exam - it features test-taking strategies, time-saving study tips, and a special Cram Sheet that includes tips, acronyms, and memory joggers not available anywhere else. The series is supported online at several Web sites: examcram.com, informit.com, and cramsession.com. The accompanying CD features PrepLogic(tm) Practice Tests, Preview Edition. This product includes one complete PrepLogic Practice Test with approximately the same number of questions found on the actual vendor exam. Each question contains full, detailed explanations of the correct and incorrect answers. The engine offers two study modes, Practice Test and Flash Review, full exam customization, and a detailed score report.

Annotation Answers the cry of MS IIS server administrators, covering the upgrade and differences between IIS 5 and IIS 6 quickly without filler. Written by an Apache and IIS expert who can bridge the "Delta" for both open source and Microsoft Web server administrators. Includes information on the IIS 6 changes that affect open source use of the IIS sever covering Apache, Perl, Python, and PHP. In the US IIS runs 9.7 million servers and 5.3 million .com domains for companies like NASDAQ, AT&T, plus more. Microsofts Internet Information Server 6 in an Internet server program that works with the Windows Server 2003 operating systems. IIS is Microsofts answer in the Internet server market to Apache, the open source and #1 Internet server in use. In the US 9.7 million servers run IIS (28%

of the market) powering 5.3 million .com domains. Delivered as a free add-on for the Windows 2003 Server, IIS 6 is a major upgrade from version 5 with increased security, better .NET programming integration, and stronger abilities to work with non-Microsoft languages and servers. Martin C. Brown develops programming-heavy Web sites for companies such as HP, Oracle, and his own venture Foodware. His primary language includes Basic, Pascal, C, C++, Java, Perl, and Python. He has over a decade of experience managing mixed-platform networks, covering everything from network design through to top-level staff management. Martin helped to start up one of the largest ISPs in the UK and was technical specialist for another. Don Jones has worked with three generations of Microsoft e-Commerce products in production environments. He served as Senior Web Developer for a major "dot com" startup, and currently provides consulting services for clients nationwide.

This text/reference provides students, practicing engineers, and scientists with the fundamental physical laws and modern applications used in industry. Unlike many of its competitors, modern physics theory (e.g., quantum physics) and its applications are discussed in detail, including laser techniques and fiber optics, nuclear fusion, digital electronics, wave optics, and more. An extensive review of Boolean algebra and logic gates is also included. Because of its in-text examples with solutions and self-study exercise sets, the book can be used as a refresher for engineering licensing exams or as a full year course. It emphasizes only the level of mathematics needed to master concepts used in industry.

In a small business office without formal computer support department, someone takes on the role of internal computer guru -- the one everyone yells for instinctively when the printer jams, the database locks up, or toolbars and files disappear. So, the internal guru gets stuck with the company's PC problems, without classroom training on hardware or software. This book is for those small business gurus.

"Microsoft Visual Basic .NET 2003 Unleashed" is a premium reference guide and a must-have for anyone currently developing or beginning to develop .NET applications. A primer on the basic fundamentals of .NET programming is supplemented by plenty of practical application development covering virtually every aspect of .NET programming. It is a comprehensive, easy-to-use book designed to lay flat, making it an ideal desk reference. You will also receive access to an online reference tool that contains fully searchable content and code samples. "Unleashed" will give you the knowledge you crave to master Visual Basic .NET 2003.

This fresher guide is designed for students who took accounting in their freshman year but struggled with double-entry bookkeeping or have forgotten it and need a quick revision of key accounting adjustments such as accrued expenses, prepaid expenses, bad debt expense, depreciation techniques, inventory valuation, and unearned revenue. The author also discusses the preparation and interpretation of financial statements including the income statement, statement of retained earnings, balance sheet, and cash flow statement. Corporate accounting is introduced, especially the impact of tax, dividends, and the changes to the income statement, statement of retained earnings, and balance sheet. The book is packed with worked examples and four comprehensive case studies that apply the aforementioned accounting concepts. After working through this text, the student should be better prepared for intermediate financial reporting classes.

This book emphasizes using VC++ tools and wizards to generate code. Code examples are augmented with C++ language sidebars. Readers who need a refresher on the language or want to go further "under the hood" will have a context, while those who don't can easily skip that coverage. The revision includes more information throughout on Microsoft Foundation Classes (MFC).

Explains what business numbers mean and why they matter, and addresses issues that have become more important in recent years, including questions about the financial crisis and accounting literacy.

This is the ultimate guide to C# 4 and the .NET 4 framework. Updated with more coverage of intermediate and advanced features, new examples, and detailed discussions of recent language and framework additions, this book covers everything you will need to know about C# and putting it to work. You will also find in-depth reviews of various topics including traditional Windows programming, working in Visual Studio 2010 with C#, base Class Libraries, and communication with Enterprise Services among others.

Why another book on software project management? For some time, the fields of project management, computer science, and software development have been growing rapidly and concurrently. Effective support for the enterprise demands the merging of these efforts into a coordinated discipline, one that incorporates best practices from both systems development and project management life cycles. Robert K. Wysocki creates that discipline in this book--a ready reference for professionals and consultants as well as a textbook for students of computer information systems and project management. By their very nature, software projects defy a "one size fits all" approach. In these pages you will learn to apply best-practice principles while maintaining the flexibility that's essential for successful software development. Learn how to make the planning process fit the need * Understand how and why software development must be planned on a certainty-to-uncertainty continuum * Categorize your projects on a four-quadrant model * Learn when to use each of the five SDPM strategies--Linear, Incremental, Iterative, Adaptive, and Extreme * Explore the benefits of each strategic model and what types of projects it supports best * Recognize the activities that go into the Scoping, Planning, Launching, Monitoring/Controlling, and Closing phases of each strategy * Apply this knowledge to the specific projects you manage * Get a clear picture of where you are and how to get where you want to go

Recent scandals and controversies, such as data fabrication in federally funded science, data manipulation and distortion in private industry, and human embryonic stem cell research, illustrate the importance of ethics in science. Responsible Conduct of Research, now in a completely updated second edition, provides an introduction to the social, ethical, and legal issues facing scientists today.

Are you a newcomer to computer programming and baffled by the range of options before you? Are you finding it hard to decide which one is best for your particular needs? If so, this book provides an innovative solution! Computer programming is big business. As more and more people are getting online and more companies strive to develop programming languages, for the novice it can seem like an impossible choice when faced with the array of alternatives. So how do you choose the right one for you? This book, Computer Programming for Beginners contains 4 fantastic books in one handy bundle and includes Python Programming, SQL, Arduino, and C#. Each book provides an in-depth look at a different computer language and include chapters that cover:

- Avoid confusion and get started quickly with Python
- The easiest ways to learn functions, sequences and loops
- Making the creation of an SQL view simple
- The 6 main advantages of Arduino you probably never knew
- Why you should choose C# and how it could change the way you program forever
- The C# methods you never knew existed
- And much more...

For anyone who is starting out on a computer programming journey, there will always be a time when a choice will have to be made. With Computer Programming for Beginners you have the advantage of looking at 4 of the most popular methods and seeing which one will work best for you. With it you will have all the knowledge in front of you, to make an informed decision and get started with your computer programming journey as soon as possible. Get your copy now!

This title is for VB .NET programmers who want to write secure code - which should be all of them. .NET provides a powerful framework in which to write secure code but unless you understand how attackers think and how the .NET security systems works your code will still be vulnerable. .NET helps reduce the likely hood of common vulnerabilities such as buffer overruns and provides an extremely powerful code access security system - when it is used properly. Writing secure .NET code requires three things: an understanding of the .NET code security system, attention to detail, and the ability to think from the point of view of an attacker. Many security vulnerabilities in fact have little to do with the security system but rather are a result of treating hostile input as non-hostile. This book is a practical reference of the .NET security framework, and demonstrates best practices that will go a long way towards making your code secure in the face of attacks. It also provides plenty of examples of common mistakes enabling you to spot them in your own (and others) code.

Deep learning is often viewed as the exclusive domain of math PhDs and big tech companies. But as this hands-on guide demonstrates, programmers comfortable with Python can achieve impressive results in deep learning with little math background, small amounts of data, and minimal code. How? With fastai, the first library to provide a consistent interface to the most frequently used deep learning applications. Authors Jeremy Howard and Sylvain Gugger, the creators of fastai, show you how to train a model on a wide range of tasks using fastai and PyTorch. You'll also dive progressively further into deep learning theory to gain a complete understanding of the algorithms behind the scenes. Train models in computer vision, natural language processing, tabular data, and collaborative filtering Learn the latest deep learning techniques that matter most in practice Improve accuracy, speed, and reliability by understanding how deep learning models work Discover how to turn your models into web applications Implement deep learning algorithms from scratch Consider the ethical implications of your work Gain insight from the foreword by PyTorch cofounder, Soumith Chintala

Develop and deploy modern cross-platform web applications with ASP.NET Core About This Book- Develop modern web applications from scratch- Integrate server-side and client-side code with modern tools- Be prepared for the real world with unit tests and cloud deployment Who This Book Is For This book is for software developers who have experience in .NET, preferably with C# or some other Object-Oriented Programming Language, which is required in order to build ASP.NET Core web applications. A basic understanding of web application development is also essential. What You Will Learn- Develop ASP.NET web applications from scratch- Use MVC to build all parts of a web application- Use Web API to support browsers and mobile apps- Simplify development with client-side tools- Use Enti-

ty Framework to integrate with your database- Implement Dependency Injection to build testable software- Build web solutions with performance and security in mind- Deploy to the cloud and scale with ease
 DetailASP.NET Core is the latest collection of Microsoft's web application development technologies. When you're trying to reach a broad spectrum of users with a robust web application, ASP.NET Core is there to help you build that application. With the ability to cater to users on desktop, tablet, or smartphone platforms, you can put together a solution that works well anywhere. This book is what you need to get started developing ASP.NET Core applications as quickly as possible; starting by introducing the software and how it can be used in today's modern world of web applications and smartphone apps. Walking you through the benefits of a Web API to support both applications and mobile apps to give you a solid understanding of the tech to build upon as you see what ASP.NET Core can do for you. The book wraps up with practical guidelines for the use of database technologies, unit tests, security best practices, and cloud deployments for the real world. Style and approach This is a comprehensive guide for .NET developers to build the next generation of web apps. This book can be read from start to finish, but you can also come back to any chapter for a quick refresher, as each chapter is modularized for specific concepts.

Here is more information about the world's fastest-growing network of electronically linked users. More Internet for Dummies picks up where The Internet for Dummies left off, giving more information on all aspects of the 'Net for those users who want to know where to go once they are connected. Illustrated.

Statistical Inference via Data Science: A Modern Dive into R and the Tidyverse provides a pathway for learning about statistical inference using data science tools widely used in industry, academia, and government. It introduces the tidyverse suite of R packages, including the ggplot2 package for data visualization, and the dplyr package for data wrangling. After equipping readers with just enough of these data science tools to perform effective exploratory data analyses, the book covers traditional introductory statistics topics like confidence intervals, hypothesis testing, and multiple regression modeling, while focusing on visualization throughout. Features: ● Assumes minimal prerequisites, notably, no prior calculus nor coding experience ● Motivates theory using real-world data, including all domestic flights leaving New York City in 2013, the Gapminder project, and the data journalism website, FiveThirtyEight.com ● Centers on simulation-based approaches to statistical inference rather than mathematical formulas ● Uses the infer package for "tidy" and transparent statistical inference to construct confidence intervals and conduct hypothesis tests via the bootstrap and permutation methods ● Provides all code and output embedded directly in the text; also available in the online version at moderndive.com This book is intended for individuals who would like to simultaneously start developing their data science toolbox and start learning about the inferential and modeling tools used in much of modern-day research. The book can be used in methods and data science courses and first courses in statistics, at both the undergraduate and graduate levels.

ASP.NET Core in Action, Second Edition is a comprehensive guide to creating web applications with ASP.NET Core 5.0. Go from basic HTTP concepts to advanced framework customization. Summary Fully updated to ASP.NET 5.0, ASP.NET Core in Action, Second Edition is a hands-on primer to building cross-platform web applications with your C# and .NET skills. Even if you've never worked with ASP.NET you'll start creating productive cross-platform web apps fast. And don't worry about late-

breaking changes to ASP.NET Core. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the technology Build full-stack web applications that run anywhere. Developers love ASP.NET Core for its libraries and pre-built components that maximize productivity. Version 5.0 offers new features for server-side apps, as well as background services for cross-platform development. About the book ASP.NET Core in Action, Second Edition is a comprehensive guide to creating web applications with ASP.NET Core 5.0. Go from basic HTTP concepts to advanced framework customization. Illustrations and annotated code make learning visual and easy. Master logins, dependency injection, security, and more. This updated edition covers the latest features, including Razor Pages and the new hosting paradigm. What's inside Developing apps for Windows and non-Windows servers Configuring applications Building custom components Logging, testing, and security About the reader For intermediate C# developers. About the author Andrew Lock is a Microsoft MVP who has worked with ASP.NET Core since before its first release. Table of Contents PART 1 - GETTING STARTED WITH ASP.NET CORE 1 Getting started with ASP.NET Core 2 Your first application 3 Handling requests with the middleware pipeline 4 Creating a website with Razor Pages 5 Mapping URLs to Razor Pages using routing 6 The binding model: Retrieving and validating user input 7 Rendering HTML using Razor views 8 Building forms with Tag Helpers 9 Creating a Web API for mobile and client applications using MVC PART 2 - BUILDING COMPLETE APPLICATIONS 10 Service configuration with dependency injection 11 Configuring an ASP.NET Core application 12 Saving data with Entity Framework Core 13 The MVC and Razor Pages filter pipeline 14 Authentication: Adding users to your application with Identity 15 Authorization: Securing your application 16 Publishing and deploying your application PART 3 - EXTENDING YOUR APPLICATIONS 17 Monitoring and troubleshooting errors with logging 18 Improving your application's security 19 Building custom components 20 Building custom MVC and Razor Pages components 21 Calling remote APIs with IHttpClientFactory 22 Building background tasks and services 23 Testing your application

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