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# Learn Unity 2017 For Ios Game Development Apress Com

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Augmented Reality for Developers

22nd International Conference, HCI 2020, Copenhagen, Denmark, July 19–24, 2020, Proceedings, Part III

Introduction to Game Design, Prototyping, and Development

Beginning iOS AR Game Development

iPhone iOS4 Development Essentials - Xcode 4 Edition

Pro Unity Game Development with C#

Independent Game Programming with C#

Essentials for Every Game

Learning C# Programming with Unity 3D

Sams Teach Yourself Unity Game Development in 24 Hours

Virtual Reality with VRTK4

Developing Augmented Reality Apps with Unity and C#

Developing 2D Games with Unity

2D Apple Games by Tutorials

Physically Based Shader Development for Unity 2017  
Multiplatform game development in C#  
A Guide to Game Design, Development, and Marketing  
Unity Game Development Cookbook  
Game Development for iOS with Unity3D  
Learning C# Programming with Unity 3D, second edition  
Unity From Zero to Proficiency (Foundations)  
Designing and Developing Robust Instructional Apps  
Successfully Distribute Apps  
Build four immersive and fun AR applications using ARKit, ARCore, and Vuforia  
Learn C# Programming by building fun and interactive games with Unity  
Information Science and Applications 2017  
Discover practical techniques and examples to create and deliver engaging games  
for Android and iOS, 2nd Edition  
Optimize all aspects of Unity performance  
Holistic Mobile Game Development with Unity  
Augmented Reality Game Development  
Beginning 2D IOS, Tvos, MacOS & Watchos Game Development with Swift 3  
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## **ADALYNN ANTON**

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*Augmented Reality for Developers*  
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Learn Unity 2017 for iOS Game  
Development>Create Amazing 3D Games  
for iPhone and iPadApress  
22nd International Conference, HCIII  
2020, Copenhagen, Denmark, July  
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Press

Create enthralling Android games with  
Unity Faster Than Ever Before About This  
Book Develop complex Android games  
with the help of Unity's advanced  
features such as artificial intelligence,  
high-end physics, and GUI  
transformations. Create amazing  
Graphical User Interfaces (GUIs) with  
Unity's new uGUI system Unravel and  
deploy exciting games across Android  
devices Who This Book Is For If you are a

Unity 5 developer and want to expand your knowledge of Unity 5 to create high-end complex Android games, then this book is for you. Readers are expected to have a basic understanding of Unity 5, working with its environment, and its basic concepts. What You Will Learn Develop your own Jetpack Joyride clone game Explore the advanced features of Unity 5 by building your own Action Fighting game Develop remarkable Graphical User Interfaces (GUIs) with Unity's new uGUI system Enhance your game by adding stunning particle systems and complex animations Build pleasing virtual worlds with special effects, lights, sky cube maps, and cameras Make your game more realistic by providing music and sound effects Debug and deploy your

games on different Android devices In Detail Game engines such as Unity are the power-tools behind the games we know and love. Unity is one of the most widely-used and best loved packages for game development and is used by everyone, from hobbyists to large studios, to create games and interactive experiences for the Web, desktop, mobile, and console. With Unity's intuitive, easy-to-learn toolset and this book, it's never been easier to become a game developer. You will begin with the basic concepts of Android game development, a brief history of Android games, the building blocks of Android games in Unity 5, and the basic flow of games. You will configure an empty project for the Jetpack Joyride Clone Game, add an environment and

characters, and control them. Next you will walk through topics such as particle systems, camera management, prefabs, animations, triggers, colliders, and basic GUI systems. You will then cover the basic setup for 3D action fighting games, importing models, textures and controlling them with a virtual on-screen joystick. Later you will set up Scene for 3D Configuration, create basic gameplays, and manage input controls. Next you will learn to create the interface for the main menu, gameplay, game over, achievements, and high score screens. Finally you will polish your game with stats, sounds, and Social Networking, followed by testing the game on Android devices and then publishing it on Google Play, Amazon, and OUYA Stores. Style and approach A

step-by-step and detailed guide to developing high-end complex Android games utilizing the advanced concepts of Unity.

*Introduction to Game Design, Prototyping, and Development* Packt Publishing Ltd

This hands-on guide covers both game development and design, and both Unity and C#. This guide illuminates the basic tenets of game design and presents a detailed, project-based introduction to game prototyping and development, using both paper and the Unity game engine.

*Beginning iOS AR Game Development* Apress

Develop your first interactive 2D platformer game by learning the fundamentals of C# About This Book Get

to grips with the fundamentals of scripting in C# with Unity Create an awesome, 2D platformer game from scratch using the principles of object-oriented programming and coding in C# This is a step-by-step guide to learn the fundamentals of C# scripting to develop GameObjects and master the basics of the new UI system in Unity Who This Book Is For The book is targeted at beginner level Unity developers with no programming experience. If you are a Unity developer and you wish to learn how to write C# scripts and code by creating games, then this book is for you. What You Will Learn Understand the fundamentals of variables, methods, and code syntax in C# Get to know about techniques to turn your game idea into working project Use loops and

collections efficiently in Unity to reduce the amount of code Develop a game using the object-oriented programming principles Generate infinite levels for your game Create and code a good-looking functional UI system for your game Publish and share your game with users In Detail Unity is a cross-platform game engine that is used to develop 2D and 3D video games. Unity 5 is the latest version, released in March 2015, and adds a real-time global illumination to the games, and its powerful new features help to improve a game's efficiency. This book will get you started with programming behaviors in C# so you can create 2D games in Unity. You will begin by installing Unity and learning about its features, followed by creating a C# script. We will then deal with topics

such as unity scripting for you to understand how codes work so you can create and use C# variables and methods. Moving forward, you will find out how to create, store, and retrieve data from collection of objects. You will also develop an understanding of loops and their use, and you'll perform object-oriented programming. This will help you to turn your idea into a ready-to-code project and set up a Unity project for production. Finally, you will discover how to create the GameManager class to manage the game play loop, generate game levels, and develop a simple UI for the game. By the end of this book, you will have mastered the art of applying C# in Unity. Style and approach This is a step-by-step guide to developing a game from scratch by applying the

fundamentals of C# and Unity scripting. [iPhone iOS4 Development Essentials - Xcode 4 Edition](#) Apress Follow a walkthrough of the Unity Engine and learn important 2D-centric lessons in scripting, working with image assets, animations, cameras, collision detection, and state management. In addition to the fundamentals, you'll learn best practices, helpful game-architectural patterns, and how to customize Unity to suit your needs, all in the context of building a working 2D game. While many books focus on 3D game creation with Unity, the easiest market for an independent developer to thrive in is 2D games. 2D games are generally cheaper to produce, more feasible for small teams, and more likely to be completed. If you live and breathe games and want

to create them then 2D games are a great place to start. By focusing exclusively on 2D games and Unity's ever-expanding 2D workflow, this book gives aspiring independent game developers the tools they need to thrive. Various real-world examples of independent games are used to teach fundamental concepts of developing 2D games in Unity, using the very latest tools in Unity's updated 2D workflow. New all-digital channels for distribution, such as Nintendo eShop, Xbox Live Marketplace, the Playstation Store, the App Store, Google Play, itch.io, Steam, and GOG.com have made it easier than ever to discover, buy, and sell games. The golden age of independent gaming is upon us, and there has never been a better time to get creative, roll up your

sleeves, and build that game you've always dreamed about. Developing 2D Games with Unity can show you the way. What You'll Learn Delve deeply into useful 2D topics, such as sprites, tile slicing, and the brand new Tilemap feature. Build a working 2D RPG-style game as you learn. Construct a flexible and extensible game architecture using Unity-specific tools like Scriptable Objects, Cinemachine, and Prefabs. Take advantage of the streamlined 2D workflow provided by the Unity environment. Deploy games to desktop Who This Book Is For Hobbyists with some knowledge of programming, as well as seasoned programmers interested in learning to make games independent of a major studio. [Pro Unity Game Development with C#](#)



Patrick Felicia

*Designing and Developing Robust Instructional Apps* advances the state of instructional app development using three learning paradigms for building knowledge foundations, problem-solving, and experimentation. Drawing on research and development lessons gleaned from noted educational technologists, time-tested systematic instructional design processes, and results from user experience design, the book considers the planning and specification of instructional apps that blend media (text, images, sound, and moving pictures) and instructional method. Further, for readers with little to no programming experience, introductory treatments of JavaScript and Python, along with data

fundamentals and machine learning techniques, offer a guided journey that produces robust instructional apps and concludes with next steps for advancing the state of instructional app development.

### **Independent Game Programming with C#** Apress

Develop applications and experiences for Microsoft's HoloLens and other Windows mixed reality devices. This easy-to-follow guide removes the mystery behind creating amazing augmented reality experiences. Mixed reality development tools and resources are provided. *Beginning Windows Mixed Reality Programming* clearly explains all the nuances of mixed reality software development. You'll learn how to create 3D objects and holograms, interact with

holograms using voice commands and hand gestures, use spatial mapping and 3D spatial sound, build with Microsoft's HoloToolkit, create intuitive user interfaces, and make truly awe-inspiring mixed reality experiences. Start building the holographic future today! What You Will Learn Prototype ideas quickly Get started with Unity, the preferred tool for animating 3D objects. Explore where to find 3D models for your project, or make your own! Use spatial sound, voice commands, and gestures Build with the HoloToolkit to make apps the easy way Publish to the Windows Store and make money from your app Who This Book Is For Programmers with little or no graphics or mixed reality experience **Essentials for Every Game** Pearson Education

Do you want to build mobile games, but lack game development experience? No problem. This practical guide shows you how to create beautiful, interactive content for iOS and Android devices with the Unity game engine. Authors Jon Manning and Paris Buttfield-Addison (iOS Swift Game Development Cookbook) provide a top-to-bottom overview of Unity's features with specific, project-oriented guidance on how to use them in real game situations. Over the course of this book, you'll learn hands-on how to build 2D and 3D games from scratch that will hook and delight players. If you have basic programming skills, you're ready to get started. Explore the basics of Unity, and learn how to structure games, graphics, scripting, sounds, physics, and particle systems Use 2D

graphics and physics features to build a side-scrolling action game Create a 3D space combat simulator with projectile shooting and respawning objects, and learn how to manage the appearance of 3D models Dive into Unity's advanced features, such as precomputed lighting, shading, customizing the editor, and deployment

Learning C# Programming with Unity 3D  
"O'Reilly Media, Inc."

Learn How to Make 3D iOS Games! Learn how to make 3D games in Swift, using Apple's built-in 3D game framework: Scene Kit. Through a series of mini-games and challenges, you will go from beginner to advanced and learn everything you need to make your own 3D game! By the time you're finished reading this book, you will have made 4

complete mini-games, including games similar to Fruit Ninja, Breakout, Marble Madness, and Crossy Road! Topics Covered in 3D iOS Games by Tutorials: Scene Kit: Get to know the basics with your first Scene Kit game project. Nodes: Use nodes with geometry and cameras to construct a 3D scene. Physics: Unleash the power of the built-in physics engine. Render Loop: Learn how you can leverage the Render Loop for updates. Particle Systems: Create massive explosions with the built-in 3D Particle Engine. Scene Editor: Create stunning 3D scenes with the built-in Scene Kit Editor. Cameras: Learn how to move the viewpoint around your game. Lights: Learn how to illuminate your games with different types of lights. Primitives: Construct an entire game with just

primitive shapes. Collision Detection: Learn how to detect when your game objects collide. Materials: Unleash reality, and learn about all the various types of textures. Reference Nodes: Leverage the power of reference nodes to built massive scenes. Transitions: Learn how to transition from one scene to another. Actions: Add animation with the built-in Action Editor. And much more, including: Shadows, Motion Control, Advanced Collision Detection Techniques and Audio.

### **Sams Teach Yourself Unity Game Development in 24 Hours** Packt

Publishing Ltd

Create a fully featured application that's both sophisticated and engaging. This book provides a detailed guide in developing augmented reality games

that can take advantage of the advanced capabilities of new iOS devices and code while also offering compatibility with still supported legacy devices. No programming experience is necessary as this book begins on the ground floor with basic programming concepts in Unity and builds to incorporating input from the real world to create interactive realities. You'll learn to program with the Unity 2017 development platform using C#. Recent announcements of increased AR capabilities on the latest iPhones and iPads show a clear dedication on Apple's part to this emerging market of immersive games and apps. Unity 2017 is the latest version of this industry leading development platform and C# is a ubiquitous programming language perfect for any programmer to begin

with. Using the latest development technologies, *Beginning iOS AR Game Development* will show you how to program games that interact directly with the real world environment around the user for creative fantastic augmented reality experiences. What You'll Learn Download assets from the Unity store Create a scene in Unity 2017 Use physics and controls on mobile devices Who This Book Is For Beginner programmers and/or people new to developing games using Unity. It also serves as a great introduction to developing AR games and educators teaching the subject at high school or higher levels.

*Virtual Reality with VRTK4* O'Reilly Media Develop your first interactive 2D and 3D platform game by learning the

fundamentals of C# About This Book Learn the fundamentals of C# 7 scripting to develop GameObjects and master the basics of the new UI system in Unity 2017 Build and develop your 2D game right from scratch and extend it to 3D while implementing the principles of object-oriented programming and coding in C# 7 Get to grips with the fundamentals of optimizing your game using the latest features of Unity 2017 Who This Book Is For This book is for game developers and enthusiasts who want to get started with game development with Unity 2017. No prior experience of C# is required. What You Will Learn Create your first 2D and 3D games in Unity Understand the fundamentals of variables, methods, and code syntax in C# Use loops and

collections efficiently in Unity to reduce the amount of code. Develop a game using object-oriented programming principles. Implement simple enemy characters into the game to learn point-to-point movement and Tree behaviors. Avoid performance mistakes by implementing different optimization techniques. Export 3D models and animations and import them inside a Unity project. In Detail: Do you want to learn C# programming by creating fun and interactive games using the latest Unity 2017 platform? If so, look no further; this is the right book for you. Get started with programming C# so you can create 2D and 3D games in Unity. We will walk you through the basics to get you started with C# 7 and its latest features. Then, explore the use of C# 7

and its latest functional programming capabilities to create amazing games with Unity 2017. You will create your first C# script for Unity, add objects into it, and learn how to create game elements with it. Work with the latest functional programming features of C# and leverage them for great game scripting. Throughout the book, you will learn to use the new Unity 2017 2D tool set and create an interactive 2D game with it. You will make enemies appear to challenge your player, and discover some optimization techniques for great game performance. At the end, you will learn how to transform a 2D game into 3D, and you will be able to skill up to become a pro C# programmer with Unity 2017! Style and approach: The book takes a practical, step-by-step approach

where you learn C# coding while developing fun and interactive games.

**Developing Augmented Reality Apps with Unity and C#** Packt Publishing Ltd  
Holistic Mobile Game Development with Unity: An All-In-One Guide to Implementing Mechanics, Art Design and Programming for iOS and Android Games Master mobile game design and development in this all-in-one guide to creating iOS and Android games in the cutting-edge game engine, Unity. By using Penny de Byl's holistic method, you will learn about the principles of art, design, and code and gain multidisciplinary skills needed to succeed in the independent mobile games industry. In addition, hands-on exercises will help you throughout the process from design to publication in the

Apple App Store and Google Play Store. Over 70 practical step-by-step exercises recreating the game mechanics of contemporary mobile games, including Angry Birds, Temple Run, Year Walk, Minecraft, Curiosity Cube, Fruit Ninja, and more. Design principles, art, and programming in unison – the one-stop shop for indie developers requiring interdisciplinary skills in their small teams. An introduction to essential two- and three-dimensional mathematics, geometry and physics concepts. A portfolio of royalty free reusable game mechanics and assets. Accompanying website, [www.holistic3d.com](http://www.holistic3d.com), features project source code, instructional videos, art assets, author blog, and teaching resources. Challenge questions and lesson plans are available online for an

enhanced learning experience.

Developing 2D Games with Unity Simon and Schuster

Master a series of performance-enhancing coding techniques and methods that help them improve the performance of their Unity3D applications  
 About This Book\* Discover features and techniques to optimize Unity Engine's CPU cycles, memory usage, and the GPU throughput of any application\* Explore multiple techniques to solve performance issues with your VR projects\* Learn the best practices for project organization to save time through an improved workflow  
 Who This Book Is For  
 This book is intended for intermediate and advanced Unity developers who have experience with most of Unity's feature-set, and who

want to maximize the performance of their game. Familiarity with the C# language will be needed.  
 What You Will Learn\* Use the Unity Profiler to find bottlenecks anywhere in your application, and discover how to resolve them\* Implement best practices for C# scripting to avoid common pitfalls\* Develop a solid understanding of the rendering pipeline, and maximize its performance by reducing draw calls and avoiding fill rate bottlenecks\* Enhance shaders in a way that is accessible to most developers, optimizing them through subtle yet effective performance tweaks\* Keep your scenes as dynamic as possible by making the most of the Physics engine\* Organize, filter, and compress your art assets to maximize performance while maintaining high



quality\* Discover different kinds of performance problems that are critical for VR projects and how to tackle them\* Use the Mono Framework and C# to implement low-level enhancements that maximize memory usage and avoid garbage collection\* Get to know the best practices for project organization to save time through an improved workflow  
In DetailUnity is an awesome game development engine. Through its massive feature-set and ease-of-use, Unity helps put some of the best processing and rendering technology in the hands of hobbyists and professionals alike. This book shows you how to make your games fly with the recent version of Unity 2017, and demonstrates that high performance does not need to be limited to games with the biggest teams and

budgets. Since nothing turns gamers away from a game faster than a poor user-experience, the book starts by explaining how to use the Unity Profiler to detect problems. You will learn how to use stopwatches, timers and logging methods to diagnose the problem. You will then explore techniques to improve performance through better programming practices. Moving on, you will then learn about Unity's built-in batching processes; when they can be used to improve performance, and their limitations. Next, you will import your art assets using minimal space, CPU and memory at runtime, and discover some underused features and approaches for managing asset data. You will also improve graphics, particle system and shader performance with a series of tips

and tricks to make the most of GPU parallel processing. You will then delve into the fundamental layers of the Unity3D engine to discuss some issues that may be difficult to understand without a strong knowledge of its inner-workings. The book also introduces you to the critical performance problems for VR projects and how to tackle them. By the end of the book, you will have learned to improve the development workflow by properly organizing assets and ways to instantiate assets as quickly and waste-free as possible via object pooling. Style and approach This practical book will help readers understand the essentials of the Unity3D engine and how to build games while improving the performance of their applications.

**2D Apple Games by Tutorials** Apress

The three-volume set CCIS 1224, CCIS 1225, and CCIS 1226 contains the extended abstracts of the posters presented during the 21st International Conference on Human-Computer Interaction, HCII 2020, which took place in Copenhagen, Denmark, in July 2020.\* HCII 2020 received a total of 6326 submissions, of which 1439 papers and 238 posters were accepted for publication in the pre-conference proceedings after a careful reviewing process. The 238 papers presented in these three volumes are organized in topical sections as follows: Part I: design and evaluation methods and tools; user characteristics, requirements and preferences; multimodal and natural interaction; recognizing human psychological states; user experience

studies; human perception and cognition. -AI in HCI. Part II: virtual, augmented and mixed reality; virtual humans and motion modelling and tracking; learning technology. Part III: universal access, accessibility and design for the elderly; smartphones, social media and human behavior; interacting with cultural heritage; human-vehicle interaction; transport, safety and crisis management; security, privacy and trust; product and service design. \*The conference was held virtually due to the COVID-19 pandemic. [Physically Based Shader Development for Unity 2017](#) Packt Publishing Ltd Find out how to use the Unity Game Engine to its fullest for both 3D and 2D game development—from the basics to the hottest new tricks in virtual reality.

With this unique cookbook, you'll get started in two ways: First, you'll learn about the Unity game engine by following very brief exercises that teach specific features of the software Second, this tutorial-oriented guide provides a collection of snippets that solve common gameplay problems, like determining if a player has completed a lap in a race Using our cookbook format, we pinpoint the problem, set out the solution, and discuss how to solve your problem in the best and most straightforward way possible so you can move onto the next step in the project. Unity Game Development Cookbook is ideal for beginning to intermediate Unity developers. Beginners will get a broad immersion into the Unity development environment, while intermediate

developers will learn how to apply the foundational Unity skills they have to solve real game development problems.

### **Multiplatform game development in C#** CRC Press

Virtual reality is quickly becoming the next medium to communicate your ideas. Once siloed in make-believe world of science fiction, virtual reality can now touch any aspect of your life. This book shows you how to create original virtual reality content using the Unity game engine and the Virtual Reality Tool Kit. By the end of the book you'll be creating your own virtual reality experience using the fundamental building blocks within. You'll start by reviewing spatial computing, an emerging field that encompasses self-driving cars to space exploration. You'll also create your own

virtual reality environments for use on headsets such as those from Oculus and HTC. Using the Unity3D game engine and the Virtual Reality Toolkit on a computer or laptop, you will walk through the fundamentals of virtual reality with as little code as possible. That is the beauty of Unity and the Virtual Reality Toolkit. You will discover how to use buttons in a virtual space, gaze-tracking for user input, and physics for enabling interaction between a human and a virtual space. From game design to education to healthcare to human resources, virtual reality offers new and creative ways to engage users, students, patients, customers, and more. Not a coding book, Virtual Reality with VRTK4 shows that you don't need to be a computer or graphics whiz to begin

creating your own virtual reality experiences. What You'll Learn Grasp Virtual Reality Toolkit and its interaction with Unity3D Explore the fundamental science of virtual reality Review the inner workings of Unity3D and its integration with VRTK Understand the big picture of C# coding in Unity3D Incorporate head and hand movement into virtual experiences Who This Book Is For Creative professionals or students who are familiar with computer design programs and want to begin prototyping their own original virtual reality work as quickly as possible.

**A Guide to Game Design, Development, and Marketing** Apress  
Create your own augmented reality games from scratch with Unity 5 About This Book Create your own augmented

reality game from scratch and join the virtual reality gaming revolution Use the latest Unity 5 VR SDK to create pro-level AR games like Pokemon Go Innovate and explore the latest and most promising trend of AR gaming in the mobile gaming industry Who This Book Is For This book is for those who have a basic knowledge of game development techniques, but no previous knowledge of Unity is required. Some basic programming knowledge would be desirable, but the book is an introduction to the topic. The book is also suitable for experienced developers new to GIS or GPS development. What You Will Learn Build a location-based augmented reality game called Foodie Go Animate a player's avatar on a map Use the mobile device's camera as a game background Implement database

persistence with SQLite4Unity3D to carry inventory items across game sessions Create basic UI elements for the game, inventory, menu, and settings Perform location and content searches against the Google Places API Enhance the game's mood by adding visual shader effects Extend the game by adding multiplayer networking and other enhancements In Detail The heyday of location-based augmented reality games is upon us. They have been around for a few years, but the release of Pokemon Go was a gamechanger that catalyzed the market and led to a massive surge in demand. Now is the time for novice and experienced developers alike to turn their good ideas into augmented reality (AR) mobile games and meet this demand! If you are keen to develop

virtual reality games with the latest Unity 5 toolkit, then this is the book for you. The genre of location-based AR games introduces a new platform and technical challenges, but this book will help simplify those challenges and show how to maximize your game audience. This book will take you on a journey through building a location-based AR game that addresses the core technical concepts: GIS fundamentals, mobile device GPS, mapping, map textures in Unity, mobile device camera, camera textures in Unity, accessing location-based services, and other useful Unity tips. The technical material also discusses what is necessary for further development to create a multiplayer version of the game. At the end, you will be presented with troubleshooting

techniques in case you get into trouble and need a little help. Style and approach This book shows you how to create every step of the game and gives practical examples.

### **Unity Game Development Cookbook** Apress

Learn How to Make Games with the Unity game engine! Unity is a popular game engine used by both by AAA studios and indie game developers alike. This book will introduce you how to create games with Unity whether you have some game development experience or you are a complete beginner. By the time you're finished reading this book, you will have made 4 complete mini-games, modeled your own game assets, and even played with virtual reality! These games include a

twin stick shooter, a first person shooter, a 2D platformer, and tower defense game. Topics Covered in Unity Games by Tutorials: GameObjects: Learn about basic building blocks used to create your game. Components: Customize your GameObjects by the way of components. Physics: Unleash the power of the built-in physics engine. Animation: Learn how to bring your models to life through Unity's animation system. Sound: Add depth to your games through Unity's powerful audio tools. Pathfinding: Learn about the pathfinding system to give direction to your monsters. User Interface: Provide custom user interfaces for players to use in your game. Virtual Reality: Convert one of your games to be played in Virtual Reality. Modeling: Learn the basics of Blender and how to create

and animate your creations. Publishing: Learn how to export your game to your computer, web, and mobile devices.

Unity 2D: A deep walkthrough on Unity's 2D system. And much more including a C# quick start guide, a Unity API overview, and saving game data  
[Game Development for iOS with Unity3D](#)  
Routledge

In Pro Unity Game Development with C#, Alan Thorn, author of Learn Unity for 2D Game Development and experienced game developer, takes you through the complete C# workflow for developing a cross-platform first person shooter in Unity. C# is the most popular programming language for experienced Unity developers, helping them get the most out of what Unity offers. If you're already using C# with Unity and you

want to take the next step in becoming an experienced, professional-level game developer, this is the book you need. Whether you are a student, an indie developer, or a seasoned game dev professional, you'll find helpful C# examples of how to build intelligent enemies, create event systems and GUIs, develop save-game states, and lots more. You'll understand and apply powerful programming concepts such as singleton classes, component based design, resolution independence, delegates, and event driven programming. By the end of the book, you will have a complete first person shooter game up and running with Unity. Plus you'll be equipped with the know-how and techniques needed to deploy your own professional-grade C# games.



If you already know a bit of C# and you want to improve your Unity skills, this is just the right book for you.

[Learning C# Programming with Unity 3D, second edition](#) CRC Press

This book follows an informal, demystifying approach to the world of game development with the Unity game engine. With no prior knowledge of game development or 3D required, you will learn from scratch, taking each concept at a time working up to a full 3D mini-game. You'll learn scripting with C# or JavaScript and master the Unity

development environment with easy-to-follow stepwise tasks. If you're a designer or animator who wishes to take their first steps into game development or prototyping, or if you've simply spent many hours sitting in front of video games, with ideas bubbling away in the back of your mind, Unity and this book should be your starting point. No prior knowledge of game production is required, inviting you to simply bring with you a passion for making great games.

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