

COMPUTERCRAFT: PROGRAMMING LUA IN MINECRAFT

MATTHEW MONK &
SIMON MONK

Computercraft Lua Programming In Minecraft

Adam Furgang



Computercraft Lua Programming In Minecraft:

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Minecraft is one of the most popular video games of all time but even avid Minecraft builders might not know the history structure and hidden advantages to playing their favorite game One little known fact about Minecraft is that it can be used to teach beginners how to code all within the game's world In this edifying resource readers will get hooked on getting behind the scenes access to Minecraft with tips from the experts as well as advice on how to create masterpieces with the game's building blocks **Coding with Minecraft** Al Sweigart, 2018-05-29 A hands on introduction to coding that teaches you how to program bots to do cool things in the game you love Minecraft This book takes the robotic turtle method and extends it to the 3D interactive world of Minecraft You've mined for diamonds crafted dozens of tools and built all sorts of structures but what if you could program robots to do all of that for you in a fraction of the time In Coding with Minecraft you'll create a virtual robot army with Lua a programming language used by professional game developers Step by step coding projects will show you how to write programs that automatically dig mines collect materials craft items and build anything that you can imagine Along the way you'll explore key computer science concepts like data types functions variables and more Learn how to Program robots that make smart decisions with flow control Reuse code so that your robots can farm any crop you want including wheat sugar cane and even cacti Program a factory that generates infinite building supplies Design an algorithm for creating walls and buildings of any size Code yourself a pickaxe swinging robotic lumberjack Create a robot that digs mine shafts with stairs so you can explore safely Bonus activities in each chapter will help you take your coding skills to the next level By the end of the book you'll understand how powerful coding can be and have plenty of robots at your beck and call **Minecraft Mastery: Build Your Own Redstone Contraptions and Mods** Matthew Monk, Simon Monk, 2014-08-15

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