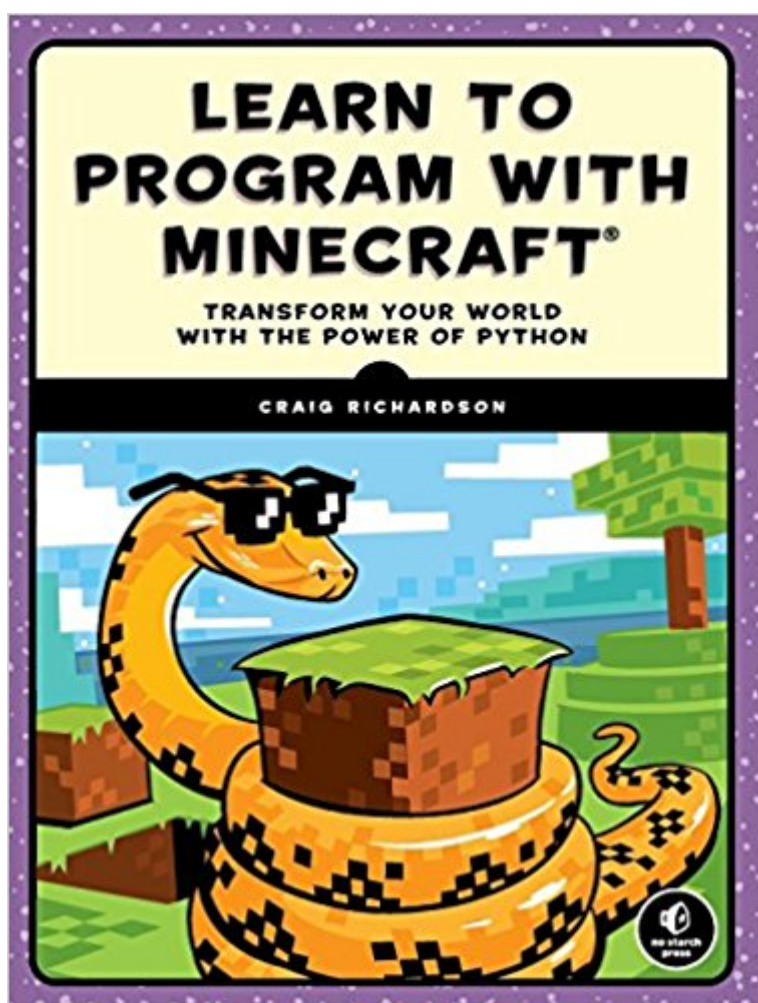


The book was found

Learn To Program With Minecraft: Transform Your World With The Power Of Python



Synopsis

You've bested creepers, traveled deep into caves, and maybe even gone to The End and back-but have you ever transformed a sword into a magic wand? Built a palace in the blink of an eye? Designed your own color-changing disco dance floor? In *Learn to Program with Minecraft*, you'll do all this and more with the power of Python, a free language used by millions of professional and first-time programmers! Begin with some short, simple Python lessons and then use your new skills to modify Minecraft to produce instant and totally awesome results. Learn how to customize Minecraft to make mini-games, duplicate entire buildings, and turn boring blocks into gold. You'll also write programs that:

- Take you on an automated teleportation tour around your Minecraft world
- Build massive monuments, pyramids, forests, and more in a snap!
- Make secret passageways that open when you activate a hidden switch
- Create a spooky ghost town that vanishes and reappears elsewhere
- Show exactly where to dig for rare blocks
- Cast a spell so that a cascade of flowers (or dynamite if you're daring!) follows your every move
- Make mischief with dastardly lava traps and watery curses that cause huge floods

Whether you're a Minecraft megafan or a newbie, you'll see Minecraft in a whole new light while learning the basics of programming. Sure, you could spend all day mining for precious resources or building your mansion by hand, but with the power of Python, those days are over!

Requires: Windows 7 or later; OS X 10.10 or later; or a Raspberry Pi. Uses Python 3

Book Information

Paperback: 338 pages

Publisher: No Starch Press; 1 edition (December 10, 2015)

Language: English

ISBN-10: 1593276702

ISBN-13: 978-1593276706

Product Dimensions: 7 x 0.9 x 9.2 inches

Shipping Weight: 1.6 pounds (View shipping rates and policies)

Average Customer Review: 3.8 out of 5 stars 52 customer reviews

Best Sellers Rank: #29,723 in Books (See Top 100 in Books) #7 in [Books > Computers & Technology > Hardware & DIY > Single Board Computers](#) #7 in [Books > Computers & Technology > Games & Strategy Guides > Minecraft](#) #8 in [Books > Computers & Technology > Games & Strategy Guides > Game Programming](#)

Age Range: 10 and up

Grade Level: 6 - 12

Customer Reviews

Craig Richardson is a software developer and Python educator. He has worked for the Raspberry Pi Foundation, taught high school computing classes, and led many workshops on Python programming with Minecraft.

Extremely well written book for kids. My kids are following the steps on their own after help with first two chapters to setup. Recommend looking at comments in other reviews for answers to questions if you are stuck on an error. Lots of helpful q&a and reviews. They helped us get unstuck. Note: My 9 yr old is very advanced and is used to programming in Scratch as well as general troubleshooting of computers/software/mechanics. I would say this is appropriate for anyone 9 and older with a little parent help, and 12 and older without help. This requires you purchase Minecraft from the Mojang website for your child (Do not purchase the Windows 10 version of Minecraft since that cannot be used for modding at this time).

My 9 year old son is working his way through this book now on his Raspberry Pi 2, and having a good time. It is a very well put together text, full of visuals and clear instructions. A great way for kids to learn to program and enjoy Minecraft as well.

Minecraft is a hit with the kids and when you combine it with the elegance and simplicity of Python, it presents an excellent way for introducing programming to kids. One of the first things that typically hits you when you want to prepare a package to teach the kids is to ensure that all the software is in place and organized into appropriate folders, so that the setup is not just minimal but also is intuitive enough for you to explain to the kids and for the kids to follow. This book takes extra steps on that front by making sure that in the first chapter itself : Setting Up for your Adventure, you have all the detailed steps to setting up the environment either for your PC, Mac or even Raspberry Pi. The instructions along with the ZIP files provided by the author worked well. Just ensure that you do not assume that just because you have some version of say Java, it should be fine. Take my advice and install the specific versions that the author has instructed and it works well. The book then progresses well by explaining first about Python constructs and then applying them to do a little task in Minecraft. This approach ends up as being a refresher or learning material not just for Python but then also for the different objects and tasks that you can do inside of Minecraft. Most aspects of

Python are covered and some of these include:- Variables- Expressions and Operators- String Manipulation- Conditional Statements- Loops- Functions- Lists- File Operations- Object Oriented Concepts The above Python concepts are mapped beautifully to fun things that you can do inside Minecraft. These include teleporting the players, sending chat messages, Determining where you are standing in the game, Building structures via functions, Managing a list of items and so on. I actually tested out various parts of this book with my two sons, aged 12 and 9, and they enjoyed various aspects of it. Especially the part where you could create complex structures via loops and the teleporting stuff. If you are looking for a good and gentle introduction to Python and how you can program bits of Minecraft, this is a great reference to get going.

The material is somewhat outdated, but very easy to understand and well organized.

Amazing book, got my 7yo coding quickly, the motivation of building a whole large city via programming blocks got him going.

This was purchased as a gift for a child that is interested in learning code and who loves Minecraft. A parent is helping but it's easy enough for a 9 year old to follow.

If you kid loves Minecraft, this could turn their play time into a lifelong career.

My son and I are having so much fun with this book! It's clear, concise, and easy to follow. He is excited to finish each chapter. Love watching him discover the magic of coding!

[Download to continue reading...](#)

Python: Programming: Your Step By Step Guide To Easily Learn Python in 7 Days (Python for Beginners, Python Programming for Beginners, Learn Python, Python Language) Minecraft: Diary of a Minecraft Legend Hunter (An Unofficial Minecraft Book): Minecraft Books For Kids, Minecraft Diaries, Minecraft Quests, A Minecraft Adventure, Fun Minecraft, Minecraft Kids Python: The Complete Python Quickstart Guide (For Beginner's) (Python, Python Programming, Python for Dummies, Python for Beginners) Hacking with Python: Beginner's Guide to Ethical Hacking, Basic Security, Penetration Testing, and Python Hacking (Python Programming, Hacking, Python Coding, Python and Hacking Book 3) PYTHON: PYTHON'S COMPANION, A STEP BY STEP GUIDE FOR BEGINNERS TO START CODING TODAY! (INCLUDES A 6 PAGE PRINTABLE CHEAT SHEET)(PYTHON FOR BEGINNERS, PYTHON FOR DUMMIES, PYTHON PROGRAMMING)

Minecraft: Awesome Minecraft Seeds (MineCraft Gaming Expert - Unofficial Minecraft Guides (Minecraft Handbooks, Minecraft Comics & Minecraft Books for kids) Book 9) Minecraft: Over 500 Awesome Minecraft Hints & Tips (MineCraft Gaming Expert - Unofficial Minecraft Guides (Minecraft Handbooks, Minecraft Comics & Minecraft Books for kids) Book 2) Minecraft: Diary of a Dorky Zombie: The Dorky Steve Minecraft diary adventure begins... (Unofficial Minecraft Book (Minecraft, Minecraft Secrets, Minecraft ... Books For Kids, Minecraft Books, Diary 1) Minecraft: Minecraft Books: Minecraft Handbook Of 101 Stunning Secrets You Need To Know!(An Unofficial Guide) (Minecraft books, minecraft pocket edition, ... minecraft free books, minecraft diary,) Minecraft 1.9: Brothers in Arms -- An Unofficial 1.9 Minecraft Adventure (Minecraft Secrets, Minecraft Guide, Minecraft Handbook, Minecraft Seeds, Minecraft Diary) PYTHON: LEARN PYTHON in A Day and MASTER IT WELL. The Only Essential Book You Need To Start Programming in Python Now. Hands On Challenges INCLUDED! (Programming for Beginners, Python) Learn to Program with Minecraft: Transform Your World with the Power of Python Python Programming: Python Programming for Beginners, Python Programming for Intermediates, Python Programming for Advanced Minecraft Self Adventure: The Minecraft Herobrine Adventure - Herobrine's Apprentice: (Minecraft Choose Your Own Story, Minecraft Self Quest, Minecraft Stories for Children) Python: Learn Python in a Day and Master It Well: The Only Essential Book You Need to Start Programming in Python Now Minecraft: Diary of a Minecraft Ender Dragon: Legendary Minecraft Diary. An Unofficial Minecraft Book for Kids Age 6 12 (Minecraft Diary of a Wimpy, Books For Kids Ages 4-6, 6-8, 9-12) Minecraft: Diary of a Minecraft Creeper - Journey to Creeperville (An Unofficial Minecraft Book) (Minecraft Diary Books) Minecraft books for kids (New for 2016) Minecraft: Diary of a Minecraft Zombie - Zombie In Love (An Unofficial Minecraft Book) (Minecraft Diary Books) Minecraft books for kids, Wimpy Zombie (New for 2016) Diary of a Herobrine Box Set Book 1-Book 6: (Minecraft Diaries, Minecraft Books, Minecraft Books for Minecraft Stories, Minecraft Diary Books) Maya Python for Games and Film: A Complete Reference for Maya Python and the Maya Python API

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)