SUPERHI

Intro to Python

Our short course on working with Python will get you to grips with one of the world's most popular programming languages from a creative and practical standpoint.

Have a question? Get in touch!

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www.superhi.com/faq

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About the course

Python is one of the world's most popular coding languages and used by some of the largest companies in the world such as Facebook, Google, Netflix and Uber. In this course, we will learn how to work with Python from a creative standpoint.

Rather than giving you just the theoritical part of what Python is, we will use Python to create scripts that you can use in your day-to-day life to automate mundane tasks.

Who is this course for?

This course is aimed at creative people who are interested in learning how to write Python scripts to automate large, day-to-day tasks.

While there are a few concepts that may be familiar to designers or coders during this course, this is a beginner course so you don't need any previous experience of coding before you join this course.

What you'll learn

- What exactly is Python? Where would we use it and how do we get started.
- How is Python structured and how do we do tasks with it
- Installing third-party packages using Pip to speed up our coding time
- How to structure your code to make it more maintainable and readable
- Using Git and GitHub to store your code online so you can collaborate with others and save it securely
- How to scrape content from the internet for use in data feeds using the Beautiful Soup library
- How to work with image assets using the Pillow library

What you'll get

4+ hours of video lessons
Covering how to create your own Python scripts from scratch

Resources
Resources to get you started and keep you going post-course

Continued help post-course
Help from our expert instructors with years of experience in the industry

Real world projects
Projects and code that you can alter and remix

Access to the SuperHi community
Join our Slack network of thousands of students and alumni around the world

Project 1

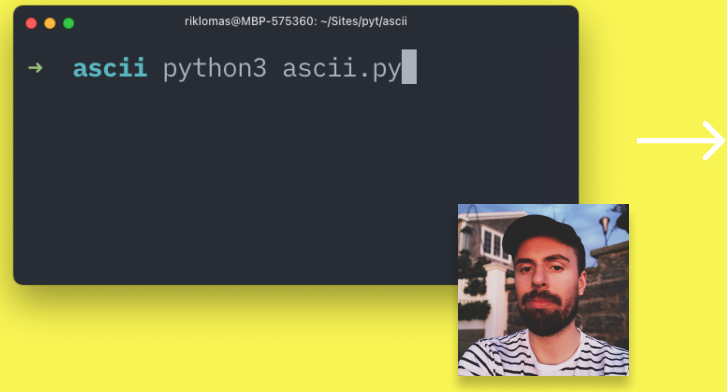
Emoji garden

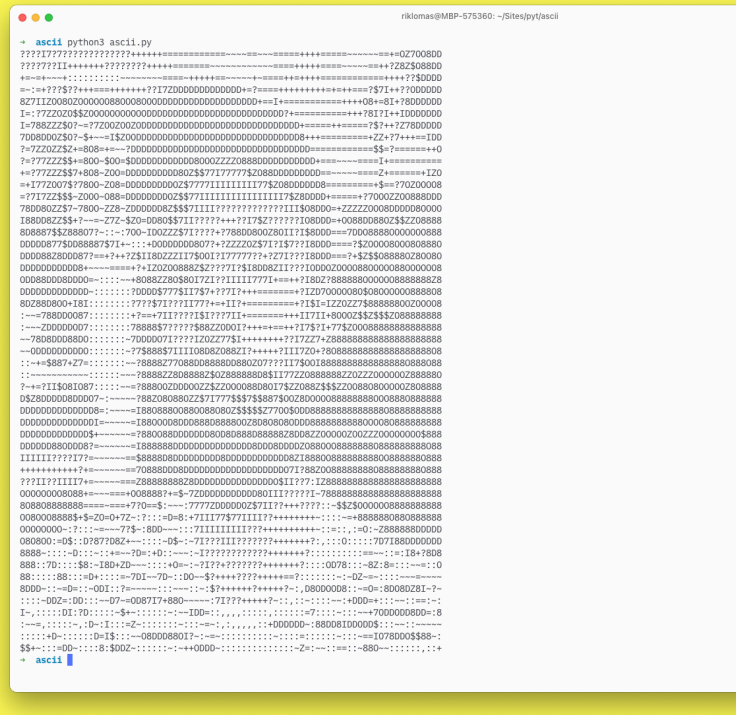
Other Python courses would start you making a todo list... how boring! In this course, we want to make something more fun so in project 1, we're going to be using the @tiny_star_field Twitter account as inspiration to create our own randomized emoji garden. This will help us familiar with the concepts of Python to generate data on the fly and let us start writing our own code.

Project 2

ASCII Art Generator

A big part of Python is the ability to read and write other files on our computer. In this project, we'll show you how to make your own ASCII art. We're going to pass in a photo, run it through the Pillow library, then work out what exactly the the text output for each part of this should be, then save that output to its own file. We will also get our projects onto GitHub so others can see our work!





Do I have to finish the course in a certain amount of time?

Once you buy the course, it's yours forever! You'll always have access to the lessons and our support.

This course has around 4 hours of video lessons, so you can break down your learning however works best for you and your schedule.

Project 3

Tidy up

Python's fantastic for automating boring, repetitive tasks. A common task we may do as creative people is have to alter and resize a bunch of images so rather than do it one by one, we will write a script that cleans up each file name, brightens up each image, resizes it to a more usable size, then zip all the images up together, ready to send! One small script can save us hours of time!

Project 4

Data feed

Everyone loves data, right? In this project, we'll be showing you how to make your own data feed that let you pull in content into data visualizations.

We'll also be getting your scripts onto the internet so you can access them from anywhere using the Flask library along with using Beautiful Soup to let us scrape other websites for content.

Need help with any of the projects?

There are a few dedicated places to ask for help. You can ask directly on course videos – just scroll down and you'll see the Q+A section.

You can also join our student Slack group (#help-intro-to-python) or email us at hi@superhi.com.