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# 50 WEBSITE TO LEARN PYTHON FOR FREE

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# 50 Best Websites to Learn Python

## Introduction

Python is an elegant, high-level programming language that is relatively easy to learn and includes multiplatform support.

According to a report from Tiobe, Python was in the top five most popular languages for 2016 right at number 5.

There is an abundance of online tutorials, courses, and educational books about the language that you can learn free of charge.

The best way to learn – especially when it comes to a programming language – is by doing. Therefore, the best way to start learning Python is to choose a lesson or course that peaks your interest and jump in.

To help you get started, we have compiled a huge list of resources that will either help you get started with Python or broaden your understanding if you already know the basics.

## Top 50 Websites to Learn Python

### 1. Code Academy

Code Academy is a free, online learning center for all things programming. They offer lessons in a variety of languages and topics, not just Python.

What makes it special, is that you can write code directly in your browser and see the results pan out live. This is useful when you're starting out because it eliminates the need to setup a development environment for practice exercises.

This portal is best suited for beginner to intermediate coders. During your time working with Python through Code Academy, you'll build your own tip calculator tool, and a board game based on Battleship.

Python topics you will learn include common syntax, strings and console output, conditional and control flow, loops, functions, file input and output, lists and dictionaries, and much more.

Price: Free

### 2. Tutorialspoint

Tutorialspoint is another site like Code Academy that offers free tutorials with the option to test out code directly in a browser window.

They offer one of the most comprehensive tutorials for novice coders that will take you through the basics and beginner stages of the language all the way to expert level tasks. You will learn how to set up a Python development environment, write basic syntax, work with variables, operators and loops, and much more.

What makes TutorialsPoint's guide so comprehensive is that it also covers advanced Python topics like database access, CGI, and game programming, the use of multithreading, XML processing, networking, GUI design, and more.

Price: Free

### 3. Codementor.io

Codementor is designed for intermediate to expert developers who are already working with the language in question. There are some tidbits for beginners scattered throughout, but this is certainly not a portal for novice coders to spend a majority of their time.

Each post on the site is a separate tutorial that covers a specific focus, like sorting Git Authors in an app with code, integrating Node.js with Python, using Python decorators and more.

Price: Free

### 4. PythonChallenge

If you're the type of person that would much rather be challenged and put under a small amount of pressure to increase your learning capacity, PythonChallenge is right up your alley.

It isn't the prettiest site in existence; actually, the design is downright ugly. However, the challenges and lessons you will participate in are invaluable to learning Python. There are 33 levels to master currently, with over 2,000,000 visitors to the site to date.

Price: Free

### 5. Google's Python Class eBook

Due to the nature of the material, Google's Python Class eBook is best suited for intermediate to experienced coders. It is well written and clearly explains various concepts related to Python, yet it's more about programming theory as opposed to the practical application of it. Therefore, you won't find any step-by-step tutorials or in-depth guides.

This makes it a great travel companion for Python developers who want to stay in the loop while they are on the move.

There are multiple books available, and you can download companion exercises to execute locally on your machine. This allows you to work with and test out different snippets of code.

Price: Free

## 6. Python.org

When in doubt, you can always turn to the official documentation for a language. Python.org is the official channel for the developers of Python, so you can find plenty of references, materials, and resources on working with the language.

As you'd expect, they have a great beginner's tutorial that will walk you through the basics. Then, you'll learn about more advanced topics like different Python libraries, distributing modules, and much more.

Price: Free

## 7. Learn Python the Hard Way eBook

Once again the challenge is the main focus. Learn Python the Hard Way is a free eBook that you can read in full. The online version can be accessed from any device including mobile, and is always free. If you want a paper or digital copy of the book – to read offline – you'll need to pony up some cash (\$30).

Apparently, more than 1.5 million people have read this eBook annually. That's an impressive number, even more so if they all went on to work with Python in some form or another.

Price: Free

## 8. LearnPython.org

One of the first ideas we discussed is that it's best to learn by doing. LearnPython.org has designed a platform where you can do exactly that. Rather than spend your time combing over an endless stream of text, this website allows you to participate in interactive tutorials. You get to work with the Python language right in your browser.

You'll start with the infamous "Hello World," tutorial and move on to more advanced topics if you stick with the course. This portal is best for beginner to intermediate level coders.

Price: Free

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## 9. Invent with Python eBook

Another way to learn and retain knowledge is to ensure you are having fun and enjoying yourself while you do so. That's the driving idea behind the Invent with Python eBook.

Every tutorial, tip, and lesson have to do with serving a specific purpose through the use of Python. For instance, the book

For instance, the book *Invent Your Own Computer Games with Python* will teach you how to make games. With each progressive lesson, the games get more complex and require a more advanced use of the language. By the time you're done, you'll have a firm grasp of Python – enough to strike out and build applications or games on your own.

The online versions of the books can always be accessed for free, but there are options to purchase them for access offline too, for a price.

Price: Free

## 10. Dive into Python 3

Dive into Python 3 is an online book that covers the difference between working with Python 3, as opposed to Python 2. Since it's licensed under a Creative Commons license you can also download HTML and PDF versions of the book for free.

This book is a great resource for all coders from beginner to experienced, and there's material here for everyone.

Price: Free

## 11. Python for Beginners

Although Python for Beginners has been idle for some time it's under new management. Recently, the site received a design overhaul and some new content in the form of a beginner's Python tutorial.

As for the regular content on the site, you'll find a long list of Python coding guides and snippets that you can use in your own projects. For this reason, the site is ideal for Python developers of all skill levels, even those with considerable experience under their belts.

Price: Free

## 12. Pythonspot

As the name suggests, Pythonspot is a great place to find a variety of Python-centric resources and tutorials. All content is separate into categories by skill level, tutorial type (like GUI and Network guides), and platform (Android, iOS, etc).

Price: Free

## 13. Learning Python Magic Methods

Magic method is an advanced concept for object-oriented programming languages. Unfortunately, the official Python documentation doesn't explain it well.

Refekketler – the creator of Learning Python Magic Methods – created the site to remedy that problem. Obviously, the material is for intermediate to advanced level Python developers.

It's essentially an online resource guide; you can also download a PDF version for access offline if need be.

Price: Free

#### 14. AfterHoursProgramming.com

The AfterHoursProgramming tutorial features a native code simulator that allows you to write and deploy code from your browser. It starts off with some basic and simple concepts and moves to more advanced topics. For instance, later exercises walk you through building web applications with some neat interactivity features.

At the end of the course, you can take a pretty extensive quiz to test retention of the knowledge you learned.

Price: Free

#### 15. TheNewBoston Basic Python Tutorials

theNewBoston is a popular training crew, renowned for their in-depth video tutorials hosted on YouTube. They have a series of tutorials on Python 3.4 Basics that are phenomenal, especially for newbies.

Price: Free

#### 16. NewCircle Python Fundamentals Training

NewCircle Training is another great channel for coding and beginner tutorials on a variety of subjects. They offer a Python Fundamentals Training series which is just as invaluable as anything else on this list. Video tutorials are excellent if you're more of a visual learner.

Price: Free

#### 17. A Byte of Python Online Book

Written by Swaroop, A Byte of Python is a beloved online tutorial book that serves as a great beginner resource, as well as a future resource for intermediate coders who might need to look back at thorough documentation.

Price: Free

## 18. Coursera Python Course by Rice University

Like Code Academy, Coursera offers free online courses for those willing to learn. Most of the courses on Coursera, however, are affiliated with actual colleges and universities.

The Python Course is provided by Rice University and is offered as a 7-course series in two separate parts. It must be followed over the course of several weeks (so you'll need to have time set aside for this), and you have to register for the online classes like you would at a local college or university. The good news is that it's free to register and attend the courses.

If you want a certificate to show for your hard work you'll need to pay extra.

Price: Free

## 19. Think Python Online Book

This resource also comes in the form of an online book. You can purchase the paper version of Think Python via Amazon if you are so inclined. Otherwise, access to the online version is free.

The book actually aims to teach beginners computer science fundamentals and programming basics. To better explain these topics, it does so by relating the information to Python. So, you'll learn both the foundation of programming and Python language at the same time.

Price: Free

## 20. Getting Started with Django Video Series

Django is a convenient, development framework built on the Python language. A framework essentially makes a developer's job easier by implementing a more modular form of a language.

The Getting Started with Django video series is a great way to introduce yourself to the framework and get a much better understanding of Python in the process.

Price: Free

## 21. Code School's Try Python Interactive Coding Environment

If you're the type of go-getter that doesn't want to bother with sorting through a heap of text-based tutorials and guides, Code School's Try Python is just for you.

It throws you into the thick of things and provides an online, interactive environment to begin coding with Python right away.

Price: Free

## 22. Interactive Python

Runestone Interactive offers a plethora of open-source, online textbooks, for beginner and intermediate level coding classes. Many of them focus on Python, especially their Interactive Python series.

All books are free to access and use, but you'll want to register for an account (also free) so that you can save your spot – unless you plan to read the textbooks in one sitting, which is highly unlikely.

Price: Free

## 23. Code Nerd Python Tutorial Videos

Video tutorials are an excellent way to soak up knowledge and skills, and Code Nerd's Python Tutorial series is no exception to that rule.

The videos are easy to follow, well-written, and cover a range of important topics related to Python.

Price: Free

## 24. Python Fundamentals

The Python Fundamentals course hosted on Pluralsight isn't free, unfortunately. However, it happens to be one of the most thorough and informative guides on Python you'll find. Not only does it explain how to use Python, and elaborate on what certain functions of the language are for, it also explains the natural order of the language. This helps you better understand why things are a certain way in Python compared to other languages.

Keep in mind the price listed below is for a Pluralsight subscription and earns you access to their entire database of tutorials and content, not just this one.

Price: \$299 annually (\$24.92/mo)

## 25. Learning to Program Version 3

Alan Gauld is both a moderator and regular contributor for the Python tutor mailing list. He also happens to be responsible for Learning to Program. The site offers beginner tutorials designed to introduce programming newbies to the basic fundamentals of coding.

Version 3 – which is the version linked – centers on the use of Python Version 3.

Price: Free

## 26. Intro to Computer Science



Udacity is another free online training platform, which hosts an excellent – and free – Intro to Computer Science course. Even though the focus is on computer science and programming as a whole, you'll primarily be working with Python for the exercises and projects.

During the course, you'll learn how to build your own web crawler, search engine, and social network using Python.

Price: Free

## 27. Python Crash Course

Python Crash Course affords several assumptions, the first being that you're already an experienced developer and understand object oriented programming.

The course is comprised of a series of documents and presentation slides, that are meant to serve as a teaching aid.

Price: Free

## 28. Python Tutor

Python Tutor is a portal to learn the basics of programming and become familiar with a bunch of languages including Python, Java, JavaScript, C++, Ruby and more.

Price: Free

## 29. Real Python

Real Python is a premium online course with multiple subscription levels. With your purchase, you'll gain access to over 1,300 pages of content, 9 hours of video, exercises, sample files, and course assignments.

Price: Starts at \$60

## 30. Full Stack Python

This portal is for intermediate to experienced developers. If you are already proficient in Python, but would like some more guidance on where to go next, check out Full Stack Python.

You'll be assigned individual projects to complete like building a certain type of web app, website demo, or module.

Price: Free

### 31. PythonLearn

If you are familiar with the concept of informatics, PythonLearn is a resource portal you might be interested in. Naturally, it is meant for developers that work with Python on a regular basis.

Price: Free

### 32. CS for All

Written by professors at Harvey Mudd College, CS for All explores the foundation of computer science through the use of Python. The content is straightforward and accessible, and it was clearly structured to accommodate the layman. That's not to say experienced developers can't look to it as a resource, however.

Price: Free

### 33. Twilio Blog: Python Projects Tag

The versatile company Twilio has turned their blog into something of an authority on all things technology-based. The Python Projects tag narrows down visible content to posts that are directly related to Python.

Each tutorial explores a unique project that you can complete using the language. Some examples include sending selfies without servers using Python, developing a personal ISS tracker, and generating Choose Your Own Adventure style presentations.

Price: Free

### 34. Intro to Programming with Python

Despite the fact that this resource has another generic sounding name, Introduction to Programming with Python is a great place to find information on Python from basic to intermediate topics. There's even a section dedicated to what you should do after completing the tutorial.

Price: Free

### 35. Think Python: How to Think Like a Computer Scientist

O'Reilly, the popular training book provider, has made Think Python: How to Think Like a Computer Scientist available for free online.

There are links to purchase a physical or digital copy of the book too.

Price: Free

### 36. Web Development: How to Build a Blog

This free Udacity course was created by Steve Huffman, one of Reddit's founders. As the title suggests, Web Development: How to Build a Blog walks you through basic web development concepts and teaches you how to build web applications with Python.

It is for intermediate coders that already have some experience with the language. Beginners can always start with the Intro to Computer Science or Programming Foundations with Python courses.

Price: Free

### 37. Learning Python by Matt Makai

Renowned developer Matt Makai wrote a useful post on his personal blog about Learning Python as a beginner. Most importantly, it talks about the best place to start if you have no former programming knowledge and provides some valuable resources – some of which are already on this list.

Price: Free

### 38. Python for You and Me

Like most of the other free online books in this resource list, Python for You and Me starts with the basics and slowly builds to more complex topics. It made the list because once you complete the main content you can try your hand at creating your first Flask web app using the provided tutorial.

Price: Free

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- ❖ Follow My Profile <https://bit.ly/LinkedIn-ALI> So We Can Mutually Connect On LinkedIn

### 39. Practical Business Python

Practical Business Python is a niche blog that delivers Python scripts, snippets and tutorials to be used in the world of business. You'll learn about creating advanced Excel workbooks, using Python for data analysis tasks, and much more.

Price: Free

#### 40. Talk Python to Me

Talk Python to Me is an online podcast that features discussions from devs and thought leaders who actually spend their time working with Python. It's a great way to pick up tips, tricks, and insights from some of the industry's best influencers.

Because it's a podcast, you can listen to episodes while you code, or complete other training programs.

Price: Free

#### 41. Learn Python 3 in Y Minutes

This online guide is designed for experienced developers who are migrating from another language. If you already know the basics but want to better understand how Python is structured as a language, Learn Python 3 in Y Minutes is your poison.

Price: Free

#### 42. The Elements of Python Style

The Elements of Python Style is essentially a style guide for the Python programming language. It helps establish a community standard that all developers would do well to follow. This is a valuable resource for everyone, but intermediate to experienced developers will definitely get the most use out of it.

Price: Free

#### 43. The Hitchhiker's Guide to Python

Borrowing inspiration from the sci-fi novel – and movie – of a similar name, The Hitchhiker's Guide to Python is a massive reference about the language. There are also introductory guides about the Python dev community, which can be valuable for those just starting out.

Price: Free

#### 44. OverAPI.com

A great resource for Python Cheat Sheets and other handy language printouts. This site has been around for a long time and has a very cool graphic representation of popular cheatsheets.

Price: Free

#### 45. Awesome-Python

Because Python is so versatile and easy-to-use, developers have come up with a great many tools to use with the language. Awesome-Python is a downloadable list that reveals a ton of frameworks, libraries, and software you can work with as a Python developer.

Price: Free

#### 46. Python Weekly

Python Weekly is a free, email newsletter that keeps you up-to-date on all the Python happenings and current events. You'll get information about new tutorials, videos, potential projects, and much more.

Price: Free

#### 47. CheckiO

Gamification is real big these days, and it also happens to be a great way to turn otherwise boring tasks into fun, addictive achievements.

CheckiO takes the process of learning programming and turns it into a game. If you can't stand reading, watching videos, or listening to podcasts this is sure to steal your attention.

Price: Free

#### 48. Learn Python Programming Fundamentals by Building a PyPet

Remember the Tamagotchi craze from the 90's? If for some reason you don't, they were cute, digital pets that kids – and adults – could spend their free time taking care of and playing with. Despite how exhausting that sounds, they were a lot of fun.

This Python Programming Fundamentals course will teach you the basics of the language, all while you work on building your own PyPet – a custom, Python version of a Tamagotchi. It's a pretty fun and unique way to learn.

Price: Free

#### 49. The Python Guru

The Python Guru is yet another beginner-friendly resource for learning the language.

Price: Free

## 50. Python Tips

Already know how to use Python and just looking for some tips and tricks you can file away for use later? Python Tips is a blog that includes regular content updates all related to the Python language.

That's a Huge List of Mobile App Development Websites and Resources!

After reading through the list, you should be able to find at least one website or resource to aid in your mission to learn Python.

If you'd prefer to learn through a more educational or collegiate format, give one of the popular online code schools a try such as Treehouse, Lynda or Code School.

# Is this tutorial helpful?

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