# 50 basic PYTHON PROJECT IDEAS

IMPORTANT
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# WHY SIDE PROJECTS ARE SO IMPORTANT?

You will learn a new skill if you try out of your domain.

It Helps You Stay On Top of Industry Trends.

It Helps You Get to Know Yourself and Your Team

It will help you to get a new job.

- [ ] Tic tac toe
- [ ] Dice Rolling Simulator
- [ ] Guess the Number
- [ ] Hangman
- [ ] Binary Search Algorithm
- [ ] Youtube Videos Downloader
- [ ] Desktop Notifier App
- [ ] Calculator in Python
- [ ] Countdown Timer
- [ ] Instagram Bot in Python

- [ ] Command-Line project
- [ ] Quiz Application
- [ ] URL Shortener
- [ ] Instagram Photo Downloader
- [ ] Face recognition
- [ ] Hospital finder
- [ ] Sentiment analysis
- [ ] Snake Game in Python
- [ ] Chatbot
- [ ] Typing Speed Test

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- [ ] Detecting Fake News
- [ ] Speech Emotion Recognition
- [ ] Detecting Parkinson's Disease
- [ ] Age and Gender Detection
- [ ] Email Slicer (regex)
- [ ] Python Website Blocker
- [ ] Random Password Generator
- [ ] Reddit Bot
- [ ] Steganography
- [ ] Bulk File Rename

- [ ] Image Resize Application
- [ ] Python File Explorer
- [ ] Plagiarism Checker
- [ ] Web Crawler
- [ ] Price Comparison Extension
- [ ] Breast Cancer Classification
- [ ] Driver Drowsiness Detection
- [ ] Image Caption Generator
- [ ] Traffic Signs Recognition
- [ ] Traffic signal generator

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- ☐ Rock Paper Scissors Game
- ☐ Cryptocurrency Portfolio App
- ☐ Real-Time Price Alert App
- ☐ Machine learning projects
- ☐ Management projects (ticket, event, hospital, school etc....)
- ☐ Computer vision
- ☐ NLP
- ☐ VR and AR, Blockchain and IoT
- ☐ Tackle problems that has not already been tackled

# RESOURCES

## BOOKS

Python crash course, Learn Python the hardway, Automate the boring stuff with python

## COURSES

Python 3 Tutorial from Codeacademy, Python for Everybody Specialization(coursera), Google's Python Class, Python for You and Me

## YOUTUBE

Sentdex, Dan Bader, Christian Thompson, Al Sweigart, Clever Programmer, CS Dojo

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## RECAP

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