

LEARN TO CODE IN PYTHON

TEACHING TECH FOR ALL AGES

VIRTUAL CLASSES SUMMER 2020

SYLLABUS

PROGRAMMING FOR BEGINNERS



THIS COURSE WILL GO OVER ALL OF THE FUNDAMENTALS OF HOW TO PROGRAM AND HOW TO THINK LIKE A COMPUTER SCIENTIST

HIT THE GROUND RUNNING

From the first class I will be teaching bit by bit, all of the necessary syntax and keywords use in python at a level that an 8 year-old will be able to understand and use to answer simple questions. We will work together to think of real world examples and create relationships of code and how to think like a developer.

Syllabus:

Week 1 (Introduction):

- Introduction
- Output
- Variables

Week 2 (Basic Syntax):

- Data type
- User input
- Math Operators

Week 3 (Decision Making):

- Code Indentation
- Comparators
- Fulfill Conditions

Week 4 (Lists):

- List
- Index
- List Operations

Week 5 (For Loop):

- For loop
- Break & Continue
- Nested For Loops

Week 6 (While Loop):

- While loop
- Nested While Loops
- Loops Summary

Week 7 (Functions):

- Declaration
- Paramaters
- Usage

Week 8 (Code For Life):

- IDE
- Comments
- Problem Solving

SHAAN BHOI

Shaan Bhoi is an undergraduate student at the University Of Ottawa. He is currently studying in the Joint Honours Bachelors of Science in Mathematics and in Computer Science.

Raised in the West Island, he is passionate about teaching others, as well as helping out around his community. Since a young age, he would take time out of his week to tutor at school and volunteer for the veterans hospital. He joined the Royal Canadian Air Cadets at 12, and completed many courses, camps and extra activities. On the weekends you could find him camping and enjoying all of what the great outdoors has to offer -- you can still find him there.

Now, he is doing everything he can to be at the forefront of the intersection of business and technology. His interests lie FinTech and IT security. This summer he is doing a part-time remote internship for privileged access management with an internationally recognized firm.



A close-up photograph of a person's hand typing on a laptop keyboard. The laptop screen displays CSS code in a dark-themed editor. The code includes styles for an 'h3' element (font-size: 22px, color: #666666, font-family: 'sans-serif') and two classes, 'en.mall' and 'en.phone', which use background images and have specific display, width, height, float, and margin properties. The background of the entire page is a blurred image of the laptop and hand.

CLASS IS BACK IN SESSION

CONTACT INFORMATION

Shaan Bhoi
TechBhoi@gmail.com
(514) 983-7070

Limited seats
Course starts **June 29th , 2020**

PRICING

Pricing is \$50 per week.

This includes:
3 classes a week (30-45 mins)
1 tutoring session a week (30 mins)
Certificate of Completion
Coursepack

Classes start at 12pm on Mon/Tues/Wed
Tutor sessions are booked on an individual
basis
Extra tutoring sessions are 15\$

[HTTPS://REPL.IT/JOIN/KMUJVRQD-TECHBHOI](https://repl.it/join/kmujuvrqd-techbhoi)