

## **Course Objective:**

We aim to provide coders a thorough understanding of intermediate Python concepts and technical skills. By the end of the course, students will have a very good outline of how to use Python to solve complex problems as well as structuring any coding project.

## **Logistics:**

Course will be run over Zoom, every Sunday, from 12:30-1:30 PM EST from Mar 27, 2022 – May 1, 2022.

### Course Outline:

1. Refreshing Prior Knowledge
  - Comparing Python with other languages
  - IDEs
  - Dictionaries
2. Modules
  - Different Python modules
  - Intro to Files
  - File scope
3. Object-Oriented Programming
  - Intro to OOP
  - Classes
  - Class variables
4. Object-Oriented Programming (cont.)
  - Methods
  - Constructors
  - Instance variables
5. Going off IDE
  - Terminal
  - Using Python in the Real World

## **Contact Us:**

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