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2021 Python and Its Applications -- How to Break Into the High Tech Industry

This is a comprehensive course to help you ace your coding interviews and learn about Data Structures and Algorithms! This course uses the easy-to-read Python programming language to efficiently teach you what you need to know to land the tech job of your dreams! It will start with a FREE seminar giving you all the tips of searching and applying for jobs and internships in high tech firms and an overview of subsequent courses. The main course will cover Python and its application in Data Science in high-tech industries.

- Learn Basic Python Language
- Creating LinkedIn and GitHub profiles for recruiters to find
- Jupyter Notebooks Overview
- Algorithm Analysis and Big-O Notation
- Array Sequences
- Stacks Queues and Deques
- Linked Lists
- Recursion
- Trees
- Searching and Sorting Algorithms
- Graph Algorithms
- Building and leveraging a network for job opportunities
- Post-Interview topics (Salary Negotiation and References Preparation)
- Mock Interviews (mimic real world tech interviews) questions given by **Google, Microsoft, LinkedIn, Facebook, Amazon, Tesla and more!**
- Guess speakers from top tech companies so you can pick their brain.



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- **Instructor:**

- **Mr. Asad Noor** is a software engineer at LinkedIn. Mr. Noor started coding in college as an Applied Science Engineering major. During this period, he self-studied coding and earned himself two Google internships and a stint at Johnson and Johnson as a product manager. Mr. Noor is familiar with what skills major technology firms are looking for when hiring software engineers. He also understands how to build the necessary networks to break into the industry.

- **Schedule:**

FREE Seminar	12/5	Sundays 2:00- 3:00 pm
Python Basics	12/19, 28, 30, 1/2, 9, 16, 23, 30, 2/6, 13	6:00- 7:30 pm
Python Advanced Applications	2/27/2022- 5/25/2022	Sundays 2:00-3:30 pm

- **Registration Link :**

- Seminar Zoom Link:
https://us02web.zoom.us/join/zoom/register/tZAf-6prT4qGNXhHH9XMIk4Z_-230E0hoap
- Course Registration Link:
<https://docs.google.com/forms/d/e/1FAIpQLSdHJOjbtYO6prJq97IMKZig00nxHMzqN7VSraKcSfY6Bfomug/viewform>