

# Amir Sohail

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## OBJECTIVE

I'm passionate about programming, problem solving, learning new technologies and implement them so that I can expand my knowledge in software engineering. I love to take challenges and making an organization successful and establish a successful career for myself.

## EDUCATION

**MAIT (GGSIPU), NEW DELHI**  
**B.TECH IN ELECTRONICS AND COMMUNICATION ENGINEERING**  
 Grad. Aug 2021  
 Cum. GPA: 8.56 / 10.0

## LINKS

LinkedIn:// /in/amir-s-926725101/  
 Hackerrank:// @amirsohail335

## COURSEWORK

### UNDERGRADUATE

- Data Structures
- Data and Communication Networks
- Microprocessors and Microcontroller
- Communication Systems • Digital System Design • Computer and Architecture • DBMS

### INDEPENDENT

Coursera: Algorithmic Toolbox  
 Coursera: Machine Learning with Python  
 Upgrad : Introduction to Machine Learning Concepts  
 Upgrad : Python for Data Science  
 Pluralsight : AWS Fundamentals

## SKILLS

### PROGRAMMING

C++ • Python • Data Structure

### SOFTWARE TECH AND TOOLS

Machine Learning • Deep Learning • Jupyter • MongoDB • Flask  
 PyCharm • Django • AWS-Fundamentals  
 • Git • MySQL • S3 • Linux • EC2 instance  
 • IAM

### LANGUAGE

English • Hindi • Urdu

## TRAINING

### INTRODUCTION TO MACHINE LEARNING CONCEPTS

May 2020 - July 2020 | Upgrad, India  
 Knowledge of different Machine Learning Technique like Linear Regression, Logistic regression, Unsupervised Learning: Clustering, Recommendation Systems.  
 Implemented projects and done Case-Study.

### PYTHON FOR DATA SCIENCE

July 1st 2020 - Aug 31st 2020 | Upgrad, India  
 Learn various Concepts and algorithm of Python. Different Python libraries.

### INTERNET OF THING USING RASPBERRY PI

July 2019 - Aug 2019 | Cetpa InfoTech, Noida, India  
 Learn about various implementation of IOT and made different projects like Smart Trolley, Smart attendance System, Smart Parking.

## EXPERIENCE

### JP MORGAN CHASE | SOFTWARE ENGINEER INTERN

May 14th 2020 - May 21st 2020 | (Virtual Internship)

- Established financial data feeds with upper-bound and lower-bound prices for trading opportunities and learned about fundamentals of finance algorithms.
- Front-end with React and data visualization in real time with Python.

## PROJECTS

### IMAGE SCRAPING AND REVIEW SCRAPING USING PYTHON

A small python image scraper to get images and in Review Scraping we can scrape the footwear and topwear from a website using CSS Selector and XPath along with Python.

### SIMPLE MOVIE RECOMMENDATION SYSTEM USING PYTHON

A movie recommender system in python, that suggest new movies to the user based on their viewing history, and recommend them movies according to their interest of watching.

## ACHIEVEMENTS AND HOBBIES

• 4-Star Hackerrank • Got 9728 AV Rank on JantaHack Healthcare Analytics Hackathon • Ethical Hacking • Playing Cricket