Asad Imtiaz Malik

Undergraduate Student

Objective: Seeking a job to gain learning experience and involvement in research and innovation

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PERSONAL SKILLS

- Comprehensible punctual at work
- Passionate about learning and detail oriented
- Positive attitude towards learning new skills
- Attentive and excellent communication skills

LANGUAGES

English
Full Professional Proficiency

Urdu
Full Professional Proficiency

REFERENCES

Available Upon Request

EDUCATION

Computer Science - Undergraduate Second Year
National University of Science and Technology (NUST)

09/2019 - Present — *Islamabad, Pakistan CGPA: 3.89/4.00*

CERTIFICATES

Udemy - Master Object Oriented Design in Java (02/2020 - 04/2020)

Coursera - Deeplearning.ai (10/2019 - 03/2020)

Fast ai (04/2020 - 06/2020)

Zero to GANS (06/2020 - 07/2020)

Udemy: Data Science A-Z™ (09/2020 - Present)

Udemy - Modern Web Scraping with Python using Scrapy Splash Selenium (08/2020 - 09/2020)

Coursera - Web Applications for Everybody (02/2020 - Present)

PROJECTS

Analytics Dashboard for Anomaly Detection (11/2020 - 11/2020)
- Created an analytics dashboard for detecting fraudulent transactions across accounts. Successful at locating networks of people transferring high volumes of money in a short period of time using the K means clustering algorithm. We used oracle analytics for data visualization.

Blockchain Microcosm (05/2019 - 05/2019)
- Built a microcosm where virtual miners earn crypto currency and exchange messages and transactions using blockchain. Applied hashing using SHA-256 and multithreading where each thread represented a miner. Learned skills including multi-threading, error-handling and complete block chain network

Online Store Management System (03/2019 - 03/2019)
- Built an online store management system with a GUI in java. Added features like update stock and payment options

Sketch GAN (08/2020 - Present)
- Currently working on implementing a GAN, based on the architecture described in the paper Joint Sketch Completion and Recognition with Generative Adversarial Network. Paper describes techniques where broken hand drawn sketches can be completed and recognized using an Encoder-Decoder Network.

TECHNICAL SKILLS

Java

C, C++, Python, Socket Programming

Pytorch

Pandas, Numpy

Object Oriented Programing

Scrapy, Selenium

MySQL

JavaScript, HTML, CSS