

Yusuf Hasan

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ABOUT ME

Motivated and Passionate student with hands-on industry experience and looking for roles in Software Development and Data Science fields. Strong ability to solve complex problems.

Technical Skills - Python, JavaScript, Web-Scraping, Selenium, REST API, Flask, Data Analysis, SQL, NoSQL

Machine Learning Skills Scikit-Learn, SeaBorn, Matplotlib, Plotly, Cufflinks, Numpy, Pandas, ML Algorithms

Interests Design, Cryptocurrency, Block-chain Technology, Entrepreneurship, Project Management

WORK EXPERIENCE

Extension Technologies PVT LTD

Python Developer - Intern

(August 2022 - Present)

- Work with the Data analytic and Python team.
- Work on raw data, perform enhancements and create data analysis models to generate insights.

Idol Panda

Software Developer - Intern

(July 2020 - February 2021)

- Worked full stack on projects and assignments with 15+ clients across 4 countries.
- Worked on existing software and implemented enhancements to improve functionality and speed.
- Worked on Data scraping and created data analysis models to generate insights.

United Nations

United Nations Volunteer Developer (UNV Developer)

(December 2020 - January 2021)

- Worked with an international team of developers on a project for the Cameroon Association for active youths, a United Nations body in Africa. Oversaw the life cycle of development with on time delivery.

Personal Projects

Crypto Currency Price Prediction Model

- Developed a price prediction model for the largest cryptocurrency ie Bitcoin.
- Used Open source Data from data source, performed Data Cleaning by removing the irrelevant and null data spaces then implemented Data visualization to get insights. Used complex machine learning algorithms to predict the future price and predict future trends.

Tech Stack Used - Python, Numpy, Pandas, Matplotlib, Seaborn, Machine Learning Algorithms

Bitcoin Trading Bot

- Developed an automated bot that implemented buy/sell trades based on the defined trading strategies.
- The bot implemented trades and resulted in a profit percentage ranging from 50-60%.
- Deployed the bot on cloud to ensure 24*7 execution of trades.

Tech Stack Used - Python, REST API, Binance API, Binance Websockets, SQLite

Exploratory Data analysis

- Worked on different dataset including the Titanic set, Boston Housing dataset, Amazon dataset and sets from Kaggle.
- Performed EDA on datasets to discover trends, patterns and to gain insights and correlation.
- Checked assumptions with the help of statistical summary and graphical representation.

Tech Stack Used - Python, Numpy, Pandas, Matplotlib, Seaborn, Machine Learning Algorithms

EDUCATION

Dronacharya College of Engineering

(August 2019–Present)

- Bachelor of Technology (Computer Science)
- Cumulative Average: 8.1 CGPA

Ryan International School

- CBSE Class 12 (2019) CBSE Class 10 (2017)
- Cumulative Average: 76% Cumulative Average: 9.6 CGPA

Achievements

- Hackerrank Problem Solving - 5 Stars
- Hackerrank Python - 5 Stars
- Runner up Juneteenth Coding Competition.
- Score on Leetcode