

Ebrahim Nazmul

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SKILLS

Languages Proficient Python (4yrs) · HTML / CSS / JS (3yrs) Intermediate SQL (2yrs) · C# (1yrs) · PHP (1yrs)
Software Tensorflow · Matplotlib · Numpy · Pandas · Pygame · Unity · MySQL · JupyterNotebook · Git

PROJECTS

Multiplayer FPS Game in Unity

Oct 2023 - May 2024

C#, Unity, MySQL, PHP, SQL

- Used the Photon library to build a multiplayer round-based zombie shooter with a procedurally generated map
- Used MySQL and PHP scripts to develop an account, leaderboard and shop system
- Created a modular attachment system and a dynamic interaction system

Python AI Stock Bot for Price Prediction

Dec 2021 - May 2022

Python, Tensorflow, Matplotlib, Pandas

- Developed a Python-based stock trading bot that scrapes real-time stock prices using BeautifulSoup
- Implemented TensorFlow with LSTM networks to predict future stock prices based on historical data
- Achieved an 80% accuracy rate through meticulous testing and cleaning data

EXPERIENCE

Headstarter AI

Jul 2024 - Sep 2024

Software Engineering Fellow

- Built 5+ AI apps and APIs using NextJs, OpenAI, React, StripeAI, with the goal of 1000 registered users
- Developed projects from design to deployment, leading 3 other engineering fellows
- Coached by Amazon, Bloomberg, and Capital One Engineers on Agile, CI/CD, Git and microservice patterns

Bloomberg

Feb 2023

Intern

- Gained experience with the Bloomberg Terminal and financial tools by shadowing a Data Specialist.
- Improved core skills in finance and technology, participating in team activities and refining technical abilities
- Presented a final project to senior staff, showcasing clear communication and effective presentation techniques

ACTIVITIES

RI Masterclasses

Dec 2022 - Apr 2023

Organiser / Presenter

- Created a series of workshops for local primary schools, introducing them to new and interesting concepts
- Organised sessions focused on the origins of Pi, Cryptography and complex shapes such as a Mobius Strip
- Helped engage primary students to learn more about maths and developed key skills in presenting

Morgan Stanley Advancing Futures

Oct 2022 - Mar 2023

Intern

- Mentoring scheme with groups containing students and Morgan Stanley employees, building workplace skills
- Networked with workers in various fields and improved my communication skills

JP Morgan

Oct 2022

Finance/Tech Work Experience

AON

Jul 2023

Work Insights Programme

EY CoderDojo

Nov 2022

Created various projects in Python

FreeCodeCamp (300hrs)

2023

Responsive Web Design Certification

FreeCodeCamp (300hrs)

2021

Scientific Computing with Python Certification

Bebras

2019-2022

Certificate of Distinction 4 years in a row

EDUCATION

Brampton Manor Academy GCSE - 99988877655

Sep 2017 - Jul 2022

Brampton Manor Academy A Level - Maths, Further Maths, Computer Science - Predicted A* A* A*

Sep 2022 - Jul 2024