Ebrahim Nazmul

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SKILLS

Languages   Python (4yrs) · HTML / CSS / JS (3yrs) · SQL (2yrs) · C# (1yrs) · PHP (1yrs) · Javascript (1yrs)

Software   Tensorflow · Matplotlib · Numpy · Pandas · Pygame · Unity · MySQL · Next.js · React · 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 Beautiful Soup
- 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 - ABB   *Sep 2022 - Jul 2024*