

Ebrahim Nazmul

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SKILLS

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

Software Next.js · React · Git · Pandas · Numpy · Tensorflow · Matplotlib · Unity · MySQL · Pygame

PROJECTS

ApprentEase | www.apprentease.co

Aug 2024 - Sep 2024

Next.js, React, Firebase, Material-UI

- Developed an apprenticeship platform with 400+ users, featuring a personal tracker, community listings.
- Implemented real-time data synchronisation and user authentication using **Firebase**
- Designed a responsive UI using **Material-UI**, incorporating profile customization and social media integration

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

EXPERIENCE

Headstarter AI

Jul 2024 - Sep 2024

Software Engineering Fellow

- Built 5+ AI apps and APIs using **Next.js, 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

AON

Jul 2023

EY CoderDojo

Nov 2022

Finance/Tech Work Experience

Work Insights Programme

Created various projects in Python

FreeCodeCamp (300hrs)

2023

FreeCodeCamp (300hrs)

2021

Bebras

2019-2022

Responsive Web Design Certification

Scientific Computing with Python Certification

Certificate of Distinction 4 years in a row

EDUCATION

Brampton Manor Academy A Level - Maths, Further Maths, Computer Science - ABB

Sep 2022 - Jul 2024

Brampton Manor Academy GCSE - 99988877655

Sep 2017 - Jul 2022