

Beebek Limbu

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EDUCATION

Queen Mary University of London

September 2021 - July 2024

Bachelor of Science in Computer Science with Honours | Classification: 2:1 (Expected)

Dartford Grammar School for Boys

September 2019 - March 2021

International Baccalaureate | Grades Achieved: 38 points

WORK EXPERIENCE

Amazon Spring Intern

June 2023

- Assisted in debugging and troubleshooting issues to ensure the stability, reliability and security of code snippets.
- Collaborated in a team to identify and improve API integration leading to a 20% increase in time efficiency.
- Employed a test-first approach to ensure high-quality code through unit testing using the testing framework, PyTest.
- Evaluated the performance of DFS and BFS algorithms in terms of efficiency, solution quality, and resource utilisation given specific problem requirements.
- Analysed problem requirements and constraints to develop optimal solutions for Amazon-style interview questions using Python.

Bright Network Intern

June 2022

- Successfully completed 100% of coding tasks given through Python.
- Spoke with several company representatives personally including but not limited to Amazon, Goldman Sachs, Google.

PROJECT EXPERIENCE

Route Mapper | Python, Tkinter, MySQL, Google Maps API

November 2022

- Developed a Python application with Tkinter GUI and MySQL database for seamless data storage and retrieval of location information.
- Integrated Google Maps API for accurate geographic data and efficient route optimization.

Math It Out | Python, JavaScript, Twilio, Velo by Wix, Cohere NLP API

January 2023

- Developed a full-stack application using Velo by Wix as the frontend and Python as the Backend.
- Implemented Cohere NLP API to enable natural language processing for human-like question generation and utilised Twilio for SMS notifications for user enhancement.
- Leveraged Velo by Wix for scalable and maintainable web development.

HACKATHONS

Lloyds Banking Group x ShowCode Virtual Hackathon - Winner

November 2022

- Developed Route Mapper an application to reduce carbon emissions through optimising commutes.

MLH Hackrithmitic 2 - Winner

January 2023

- Led team of 4 to develop Math It Out, an AI maths question generating website through Cohere NLP API.

TECHNICAL SKILLS

Languages: Python, Java, SQL, PHP, JavaScript and TypeScript.

Frameworks: React, Tailwind and Nextjs.

Developer Tools: Git, VSCode, Eclipse, IntelliJ, Jupyter Notebook and Unity.

Libraries: NumPy.