Daniel Yekini

Contact Information

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Hi, I'm Daniel, a Computer Science student working towards a career in Data Science/ Machine Learning. In my enthusiasm for CS, I excel at learning new, complex concepts quickly and applying them when problem-solving. I possess great analytical skills and strong attention to detail developed through the projects detailed below. I'm currently looking for an internship/ placement position and hope to be considered for a place.

Education

2020-2024 (ongoing)

Queen Mary University London
BSc in Computer Science

School projects
- Designed and created a text-based adventure game to display an understanding of Object-Oriented Principles. The game was programmed using java and features the ability to collect, store and use in-game items.
- Built a website portfolio using technologies learned through lectures which was later adapted into the fully functional website linked to in the header

Extracurricular Activities
- Member of Coding Society

Experience

2019-2020

Drone Project
English Martyrs Sixth Form College
- Designed and led a school-funded project to build an autonomous drone
- Led a team of 3 A-Level physics students in the build process
- Responsible for programming autonomous components i.e. Raspberry Pi

Personal Projects

(See full project details at danielyekini.com)

Java
- **Tic-Tac-Toe AI - Finding optimal move.** Using principles from game theory, wrote a minimax algorithm to determine the optimal move from any number of moves in a tic-tac-toe game. Developing an ability to model real-world concepts as quantitative data computers can understand.

Java
- **Connect 4 AI - Finding optimal move.** Adapted the original Tic-Tac-Toe program and created connect 4 GUI. Modified and optimized the algorithm to perform more efficiently and search more extensive decision trees.

HTML, CSS, JS, Photoshop
- **Inspiration Catalogue.** Created an interactive blog with each entry added manually as a means to develop web programming skills. The blog is displayed in collage format inspired by, web and software designer, Lynn Fisher's a single div.

Additional Activities

Sept 2021 – Dec 2021
19 Oct 2022
- Tutoring GCSE Mathematics and Physics to 3 students through MyTutor platform.
- JPMorgan Advancing Black Pathways in Software engineering and analytics event