



JOSEPH DA COSTA

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Third-year Computer Science student at Queen Mary University of London with a strong interest in technology and programming. Demonstrated leadership, communication, and problem-solving skills through relevant work experience and coursework. Highly committed to contributing effectively to development projects and eager to learn from experienced peers in a collaborative team environment.

EXTRACURRICULAR

- Led a small team to present and pitch a plan to develop a new system for tackling smartphone waste, demonstrating leadership and team working skills.
- Achieved Gold in the United Kingdom Mathematics Trust (UKMT) Maths Challenge in 2018.
- Keen interest in music and teaching myself to play the piano.
- Reading papers on astronomy and quantum computing in my spare time, while also keeping up with the latest tech news and developments.

EDUCATION

Queen Mary UoL (BSc) Computer Science Graduating 2025

- Year 2 Grade – First Class Honours - 1st (Grade Average - 76%)

A-Levels, Stoke Newington Sixth Form College, 2019 - 2021

- Mathematics (A*), Economics (A*), Physics (A), Extended Project (B)

TECHNICAL SKILLS

- Completed the CS50 course by Harvard University covering: Python, Git, Django, HTML, CSS, SQL, Models and Migrations and JavaScript.
- Proficiency in variety of programming languages: Node.js, TypeScript, Java, Php and have worked on game engines such as UE5 and Unity focusing on c++ and c#.
- Excellent time management and organisational skills with experience of adhering to strict deadlines for educational assignments, work experience, and game development projects.
- Acquired in-depth understanding of desktop hardware gained from constructing and upgrading/customising desktop PCs.
- Been a member of evaluating teams with industry professionals selected by independent game developers to give insight and feedback on early game builds such as 'You suck at parking' and several other pre-release titles.

EXPERIENCE

Software Engineer Placement, Amplifi Capital, 09/2023 - 09/2024

- Full-stack development in an Agile environment including proficiency in AngularJS, REACT Native and Java.
- Implemented robust unit and integration tests to achieve 90%+ code coverage contributing to a 10% reduction in post-deployment bugs.
- Improved user experience and accessibility, which contributed to a 15% increase in SEO performance.
- Developed and deployed scalable Java microservices using Spring Boot, implementing RESTful APIs and integrating with various data sources.

Assistant Admin Intern, Roman Catholic Diocese of Southwark and Westminster, 05/2022 - 08/2022

- Member of the ICT team to provide phone support and customer service for over 500 parishes such as resolving computer issues.
- Developed imaging skills and learned to image laptops and computers by installing internal encryption software used by the parishes.
- Acquired an understanding of the operation of Domain and active directories in a corporate environment.

Virtual work experience, TATA Consultancy services, 06/2019

- Worked on large scale team projects, sharing ideas with project leads, involving app design, and creating 'FitBuddy' via Adobe Illustrator, UX Design and Wireframing to help users plan and track their fitness progress.