

Damy Matuwidi

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Computer science student with software engineering skills seeking a career in industry to apply and develop them.

Education and Qualifications

University of Surrey, MEng Computer Science Expected 1st 2023 – 2027
Key Modules: Software Engineering, Web & Database Development, Data Structures & Algorithms
Skills Gained:

- Developed basic programming styles to follow in industry.
- Strengthened logical and mathematical foundations to improve mathematical reasoning.
- Led and worked alongside others in group projects, developing strong teamwork skills.

Harris City Academy Crystal Palace 2021 – 2023

A Levels: Computer Science (A), Mathematics (A), Business (B)

Harris Invictus Academy Croydon 2016 – 2021

GCSE: 7 Subjects (Grades 9) including Mathematics and English Language

Projects

University Marking & Moderation Web App (Svelte, Python (Django), SQL, Git) 2024

- Programmed a web app to allow academics to mark and moderate student work.
- Learnt how to use a Svelte frontend and Django backend.

A-Level Banking Application (Python) 2022-2023

- Coded a lightweight coding application to easily distribute in poorer regions.
- Understood Python's Tkinter, smtp & time modules better.
- Implemented networking, encryption, and authentication methods (SHA512, 2FA).

Experience

Microsoft Embrace EDI Challenge 2023 – 2024

- Led a group to develop an innovative solution to leverage technology in poorer regions.
- Researched how the solution will impact the regions and calculated appropriate costs.
- Presented the solution in a short 3-minute edited video.

Google Lighthouse Project 2022

- Mentoring programme helping African/Caribbean students build digital and employability skills.
- Mentored by Google employees and presented findings in a live 5-minute presentation.

Young Enterprise 2022

- Created a business and pitched it in a competition over the span of 9 months.
- Managed peers, delegated tasks and took responsibility for business operations.
- Showcased the product in many competitive stages, making it to the regional finals.

Skills

- Languages: English, French (Beginner), Lingala (Beginner)
- Achievements: Senior Prefect at Harris City Academy (2022-2023), Oxford UNIQ 2022 Sumer School (2022), H₂O Heroes (2021), YGASem (2021)