

Damy Matuwidi

dmatuwidi@gmail.com | +44 7900930132 | [linkedin.com/in/damymatuwidi](https://www.linkedin.com/in/damymatuwidi) | github.com/dmatuwidi

Education

University of Surrey, Undergraduate BSc Computer Science (Predicted 1 st)	2023 – 2026
Key Modules: Privacy Enhancing Technologies, Information Security Management, Engineering Internet Scale Systems	
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 (All grades 9) including Mathematics and English	

Technical Skills & Certifications

Programming Languages: Python, Java, C++, TypeScript
Frameworks: React, Next.js, Tailwindcss, Svelte, Django, MUI, JUnit

Responsive Web Design Certification – freeCodeCamp	2024
SETsquared Partnership IKEEP Programme Intrapreneurial Training Award – SETsquared	2025

Projects

Volunteer-Matching Web Application (Next.js, TypeScript, PostgreSQL, Git)	2025
<ul style="list-style-type: none">Designed the branding document and prototyped the skeleton for the webpagesImplemented the front-end features whilst adhering to the agreed design styleProduced a report including MVP scope, designs, user stories based on client's needs	
AI Flashcards SaaS Web Application (Next.js, Gemini, Clerk, Stripe, MUI)	2024
<ul style="list-style-type: none">Applied Clerk's API to allow user authentication and Stripe API to process payments.Programmed an API backend to generate flashcards based on user prompt using Gemini.	
Microsoft Embrace EDI Challenge – Team Leader	2023 – 2024
<ul style="list-style-type: none">Supported a group to develop an innovative solution to leverage technology in poorer regions.Assessed how the solution will impact the regions and calculated appropriate costs.Presented the solution in a short 3-minute edited video, taking us up to the semi-final stage.	

Experience

University of Surrey – Peer Active Learning Support (PALS)	2025
<ul style="list-style-type: none">Facilitated learning for up to 80 students per lab session by diagnosing code errors, clarifying complex programming concepts and guiding students toward solutions while promoting independent learning.Collaborated with teaching staff to support course delivery and ensure consistent learning outcomes across lab sessions	
Co-op – Customer Team Member	2025
Headstarter AI – Software Engineering Fellow	2024
<ul style="list-style-type: none">Developed and deployed 5 full-stack AI projects in 5 weeks, followed agile methodologies with weekly sprints and incorporated CI/CD practices for iterative deployment.Collaboratively programmed an interactive customer support agent with an integrated custom RAG pipeline using Gemini and Pinecone.	
Young Enterprise – Managing Director	2022
<ul style="list-style-type: none">Guided a 9-month business venture from start to finals, coordinating team activities, fundraisers, managing project timelines and delivering presentations showcasing our products to stakeholders.	

Additional Information

Languages: English, French (Intermediate), Lingala (Intermediate)
Achievements: University of Surrey's Dean's List (2024 & 2025), HCACP Best in Computer Science (2023)
Interests: Music – Writing, playing and conducting musical compositions and hymns.