

# Moses Ipoba

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## Profile

Computer Science undergraduate at the University of West London, predicted First Class Honours (1:1). Demonstrated strong technical ability through projects in software engineering, data analysis, and mobile/web development. Actively involved in the Student Leadership Programme and Computing Society, developing communication, teamwork, and leadership skills. Now seeking a STEM placement or graduate role to apply technical and analytical expertise in real-world environments.

## Technical Skills

Programming Languages: Python, Java, Kotlin, JavaScript, SQL, x86 Assembly  
Web Development: HTML5, CSS, Next.js, REST APIs, Android Studio, UI/UX Design  
Tools & Platforms: Git, GitHub, VS Code, Linux Command Line, CI/CD Pipelines  
Currently Learning: React.js, TypeScript, Cloud Deployment (AWS / Vercel)

## Education and Qualifications

**Sep 2024 – Jun 2027** BSc (Hons) Computer Science – Predicted First Class (1:1)  
*University of West London*

- Key Modules: Artificial Intelligence, Mobile Web App Development, Theory of Computation, Databases
- Academic Achievements: Programming (93%), Mathematics (77%), Computer Architecture (65%)
- Activities: Course Representative | Student Leadership Programme | Computing Society Member

**Sep 2017 – Jun 2024** Edmonton County School  
• A-Levels / BTEC Equivalent – IT, Mathematics, and Computer Science

## Relevant Experience

**Jul 2025 – Aug 2025** Bright Network – UK Tech Internship Programme

- Selected for a competitive national software engineering and cybersecurity programme.
- Completed 20+ hours of professional training in Python and Java.
- Developed algorithms to detect abnormal system activity and reduce server load by 15%.
- Worked within a 6-person team to design and present a scalable prototype to mentors.

**Nov 2024 – Present** TK Maxx – Sales Associate (Part-Time)

- Delivered excellent customer service in a busy retail environment, handling 100+ daily interactions.
- Collaborated with colleagues to improve daily workflow and exceed store performance targets.
- Developed teamwork, adaptability, and communication skills valuable for professional tech roles.

## Projects

### Android Applications (Kotlin/Java)

- Engineered 4+ native apps including a scientific calculator with error-proof parsing.

### Web Server Log Analysis & Bot Detection (Python)

- Processed 10,000+ log entries and built dashboards to detect abnormal access patterns.

### **Smart Interview Prep Tool (Python + Flask)**

- Built an AI-powered web app for interview simulation with real-time feedback and Gmail integration.

### **Self-Updating Portfolio (Next.js)**

- Automated project updates using GitHub & Notion APIs; deployed via Vercel with CI/CD pipelines.

### **x86 Assembly Mini-Programs**

- Created low-level routines to manipulate memory and perform register arithmetic.

## **Additional Information**

- Student Leadership Programme (UWL): Trained in leadership, collaboration, and decision-making.
- Computing Society Member: Regularly attend coding sessions and hackathons.
- Course Representative: Represent peers in departmental meetings and contribute to curriculum feedback.

## **Interests**

Coding competitions, game development, football, emerging AI technologies, anime and digital art.