Samuel Ogunware

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Summary

Computer Science Graduate with strong foundations in Python, Java, and data analysis. Experienced in web development, NLP, blockchain systems, and e-commerce operations. Demonstrated ability to build end-to-end technical solutions, analyse complex systems, and contribute to business growth. Seeking an entry-level role where I can apply my technical expertise.

Education

University of East Anglia — Sep 2022 – Jun 2025

BSc Computer Science – 2:1 (Upper Second-Class Honours)
Key areas: AI, Advanced Web Development, Data Science, Software Engineering, Databases

St George's School, Harpenden — Sep 2015 – Sep 2022

A-Levels: Computer Science, Business, Graphic Communication
10 GCSEs grade 6 or above, including Mathematics and English

Projects

AI Train Chatbot — Apr 2025

Created an AI chatbot that helps users find the cheapest UK train tickets and check real-time delays using web scraping and NLP.
– Used Selenium to scrape live fare and schedule data from rail websites.
– Implemented a natural language processing module to interpret user queries about delays, prices, and routes with over 90% accuracy.
– Delivered accurate and dynamic travel information to enhance user experience.
Technologies: Python, Selenium, NLP, JavaScript

Final Year Dissertation: Cryptocurrency Optimisation — May 2025

Awarded First-Class for research on optimising cryptocurrency systems for performance and energy efficiency.
– Analysed system requirements including RAM, CPU, and GPU impacts on blockchain consensus.
– Investigated algorithms to improve transaction throughput and reduce energy consumption.
– Explored compliance with blockchain trilemma, sustainability goals, and regulations.
Technologies: Python, Blockchain concepts, Performance analysis

Experience

Founder – Shopify E-commerce Business — Jul 2023 – Dec 2024
– Built and scaled a profitable e-commerce business, achieving five-figure revenues within the first 18 months.
– Managed product sourcing, shipping, customer support, and returns.
– Engineered a 40% increase in organic traffic by implementing on-page and technical SEO strategies.
– Designed and optimised the Shopify storefront with improved layout and SEO.
- Automated inventory tracking with Python scripts, reducing stock errors by 20%

Business Analyst Intern – Luton, UK — Jul 2021 - Aug 2021
– Analysed large sets of financial and operational data to identify key business trends.
– Developed Excel dashboards that cut financial reporting time by 20%.
– Documented business requirements to support cross-team collaboration.
– Assisted in system testing to ensure accurate financial reporting.

Stock Replenishment Assistant – Waitrose — Mar 2021 – Sep 2022
– Maintained stock levels and ensured accurate product availability.
– Assisted customers with locating items and providing product support.
– Organised inventory and contributed to faster shelf restocking.

Technical Skills

Languages: Python, Java, JavaScript(Node.js, React), SQL, HTML, CSS
Tools: Selenium, Git, Shopify, Microsoft Office, Excel, Flask, FastAPI, NumPy

Concepts: Blockchain, Data Analysis, Web Development, Algorithms, NLP, Machine Learning, Agile

Interests

Basketball, Programming, Football, Reading, Cooking, Running