

Samuel Ogunware

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Summary

Computer Science graduate with hands-on experience delivering full-stack applications and blockchain optimisation research. Proven ability to drive product growth and automate workflows using Python and web technologies. Now seeking a data-driven role in fintech or analytics, where I can apply my experience to solve real-world business challenges.

Education

University of East Anglia

BSc Computer Science

09/2022 – 06/2025

- Grade: 2:1 (Upper Second-Class Honours)
- Relevant modules: AI, Data Science, Advanced Web Development, Software Engineering, Databases
- Developed skills in Python, Java, JavaScript, SQL, and modern web technologies

St George's School, Harpenden

A-levels

09/2020 – 09/2022

- Subjects: Computer Science, Business Studies, Graphic Communication

GCSEs

09/2018 – 09/2020

- 10 GCSEs grade 6 or above, including Mathematics and English

Projects

AI Train Chatbot

04/2025

- Developed 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
- Built a Flask REST API to expose real-time train data to a front-end
- Integrated natural language processing to answer user questions with 90% accuracy
- Technologies: Python, Flask, Selenium, TypeScript, NLP

Final Year Dissertation: Cryptocurrency Optimisation

05/2025

- Awarded First-Class for research on optimising cryptocurrency systems for energy efficiency and performance
- Analysed hardware resource impact (RAM, CPU, GPU) on blockchain consensus mechanisms
- Proposed algorithmic and architectural improvements to enhance transaction throughput
- Explored compliance with blockchain trilemma, sustainability goals, and EU/UK regulations
- Technologies: Python, performance profiling, blockchain frameworks

Experience

Founder – Shopify E-commerce Business

07/2023 – 12/2024

- Built and scaled a profitable e-commerce business achieving consistent five-figure revenue
- Managed product sourcing, customer support, logistics, and returns
- Improved organic traffic by 40% through technical and on-page SEO

- Designed and optimised the Shopify storefront layout
- Automated inventory tracking using Python scripts, reducing stock errors by 20%

Business Analyst Intern – Luton, UK

07/2021 – 08/2021

- Analysed financial and operational data to support decision-making
- Developed Excel dashboards that reduced reporting time by 20%
- Collaborated across teams to gather and document business requirements
- Assisted in system testing to ensure accurate financial outputs

Stock Replenishment Assistant – Waitrose

03/2021 – 09/2022

- Maintained stock levels and improved product availability
- Helped customers locate items and provided friendly support
- Ensured inventory was organised and shelves fully stocked

Technical Skills

Languages: Python, Java, JavaScript (Node.js, React), SQL, HTML, CSS

Tools/Frameworks: Git, Selenium, Flask, FastAPI, NumPy, Microsoft Excel

Concepts: Data Analysis, Full-Stack Development, Machine Learning, Algorithms, Agile, REST APIs

Interests

Basketball, Programming, Football, Cooking, Reading, Running