

# Abdul Fofanah

[Abdulfofanah619@gmail.com](mailto:Abdulfofanah619@gmail.com) | +44 7485 163338 | Greater London | [linkedin.com/in/abdul-fofanah/](https://www.linkedin.com/in/abdul-fofanah/)

EDUCATION

University of York York, England · 09/24 - 06/28  
BSc (Hons) Computer Science with Artificial Intelligence (with a year in industry)  
Key Modules: Engineering 1 [Assessment 1: 79% · Assessment 2: TBD] · Human-Computer Interaction [73%] · Software 1 [71%] · Software 2 [61%]

Dagenham Park Church of England School London, England · 09/16 - 06/23  
3 A-levels + EPQ | Grades: A in Economics, B in Mathematics, B in Computer Science + A in EPQ  
10 GCSEs | Grades: Computer Science (8), Drama (8), Mathematics (7), Biology (7), Chemistry (7), Physics (7), History (7), English Language (6), English Literature (5), Spanish (5)

## SKILLS

- Programming Languages: Python, Java, C++, HTML, CSS
  - Software Engineering Concepts: Object-Oriented Programming, Data Structures & Algorithms, CI (GitHub Actions)
  - Data & Processing: JSON and CSV data handling, data visualisation with pandas and matplotlib
  - Tools & Technologies: Git, Visual Studio Code, Linux (Ubuntu), WSL

## PROJECTS

Java Game Development Project - Software Engineering Project [Engineering 1 Module]	09/25 - Present
GitHub: [1] <a href="https://github.com/AbdulFofanah/Thadiam">github.com/AbdulFofanah/Thadiam</a>   Java · LibGDX · Object-Oriented Design · UML · GitHub Actions · CI/CD · Automated Testing	

Market Data Pipeline 08/25

GitHub: [github.com/AbdulFofanah/Market-Data-Pipeline](https://github.com/AbdulFofanah/Market-Data-Pipeline) | Python · Java · C++

- C++ (Data Producer) - Built a CSV reader to ingest raw intraday market data (OHLCV) and convert it into structured JSON Lines (JSONL), enabling downstream processing in later pipeline stages
- Java (Data Processor) - Implemented a JSONL parser with Gson and applied a rolling-window moving average (sliding window algorithm) to generate trading signal CSVs, demonstrating application of algorithms to financial data
- Python (Data Visualizer) - Developed visualisation scripts using pandas and matplotlib to produce time-series plots and summary statistics, enabling clearer interpretation of signals

## **WORK EXPERIENCE**

(Certificates of completion available on LinkedIn)

Kainos - Work Experience Intern & Code Camp Participant	05/22 - 08/22
HTML · CSS · Static Web Pages	

- Built static websites using HTML & CSS, focusing on layout design, media integration, and basic semantic structure
- Completed guided security labs using OWASP Juice Shop to explore common web vulnerabilities, including SQL injection and cross-site scripting (XSS)
- Explored introductory machine learning concepts, including neural networks and neuroevolution, to build a conceptual understanding of intelligent systems

Ezoic - Work Experience Intern	05/22 - 08/22
WordPress · CMS Management · HTML/CSS · Live Site Updates	

Cisco - Work Experience Intern 06/22  
Proposal: [Health Toilet Project Proposal - Google Slides](#) | Google Slides · Technical Communication · Industry Pitching

- Collaborated in a team to pitch a winning, data-backed technical solution to Cisco professionals in a Dragon's Den-style innovation challenge
- Honed technical communication skills by researching, structuring, and presenting a proposal to industry experts
- Gained insight into industry workflows, technical roles, and collaboration in a professional tech environment

#### **EXTRA-CURRICULAR ACTIVITIES & INTERESTS**

- Personal achievements: Represented the University of York as an amateur boxer, winning my first 2 bouts and demonstrating discipline, mental resilience, and an ability to perform under pressure (currently undefeated)
  - Professional skills: Developed strong communication, time management, administrative, and problem-solving skills through customer-facing roles in hospitality, leisure, and sales, working effectively in fast-paced, high-pressure environments
  - Charity: Modelled for the Astra Collective Society, raising money and awareness for breast cancer in support of the Pink Ribbon Foundation