Abdul Fofanah

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EDUCATION

University of York York, England
BSc (Hons) Computer Science with Artificial Intelligence (with a year in industry) 09/24 - 06/28
Dagenham Park Church of England School London, England
3 A-levels + EPQ 09/16 - 06/23
Grades: A in Economics, B in Mathematics, B in Computer Science + A in Extended Project Qualification
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
- Concepts: Data Structures & Algorithms, Object-Oriented Programming, Foundational Machine Learning, Data Visualisation (pandas, matplotlib)
- Tools & Technologies: Git, Visual Studio Code, Windows 11, Linux Mint, JSON & CSV Data Processing, Excel, PowerPoint

STATEMENT

- I am a Computer Science with AI student with hands-on experience standardising unstructured CSVs to JSONL, validating data with rolling-window checks, and presenting time-series findings in pandas/matplotlib. I enjoy simplifying and automating data processes, improving data quality and accuracy, and using Excel and PowerPoint to communicate clear, non-technical summaries. I am eager to support a data analyst team by maintaining metrics, reports and streamlining workflows while developing my professional skills.

PROJECTS

Market-Data-Pipeline 08/25
GitHub: github.com/AbdulFofanah/Market-Data-Pipeline
- C++ (Data Producer) - Built a C++ CSV reader to ingest messy time-series data and convert it into JSON Lines (JSONL), simplifying downstream processing and making checks repeatable
- Java (Data Processor) - Implemented a Java rolling-average step to validate data consistency and export clean CSV outputs suitable for metrics and reports, streamlining workflow
- Python (Data Visualizer) - Developed Python scripts (pandas/matplotlib) to produce time-series plots and summary statistics, supporting clear data storytelling for non-data readers

Human-Computer Interaction - University Coursework Project 09/24 - 01/25
- Collaborated in a team to design, prototype and evaluate a user-focused product in Figma
- Ran a questionnaire-based usability evaluation and recorded sessions, then consolidated responses and observations into clear findings
- Turned results into simple, actionable recommendations with visuals and plain summaries to aid communication and decisions

WORK EXPERIENCE

Kainos - Work Experience Intern & Code Camp Participant 05/22 - 08/22
- Built static pages with clean structure and methodical quality assurance, showing attention to detail under time pressure
- Ran responsive, cross-browser, and accessibility checks (alt text, contrast, keyboard focus) and resolved layout and asset errors
- Used Git and VS Code to manage changes and keep work reproducible

Ezoic - Work Experience Intern 05/22 - 08/22
- Designed and launched a WordPress site, improving layout and performance through short iteration cycles
- Documented findings and proposed the next change; paired with developers to implement and verify the update
- Kept brief change logs and checklists so progress and outcomes were traceable

Cisco - Work Experience Intern 06/22
- Collaborated in a team to pitch a winning, data-backed technical solution to Cisco professionals in a Dragon's Den-style innovation challenge
- Built slides in PowerPoint to present metrics and rationale clearly
- Used Excel to summarise research details and organise key findings

EXTRA-CURRICULAR ACTIVITIES & INTERESTS

- Personal achievements: Represented the University of York as an amateur boxer, winning my first bout and demonstrating discipline, mental resilience, and an ability to perform under pressure
- Professional skills: Developed strong communication, time management, administrative, and problem-solving skills through customer-facing roles, demonstrating adaptability, attention to detail, and professionalism in high-pressure environments
- University of York AI Society member: Attended multidisciplinary talks and guest lectures on AI ethics, societal impact, and emerging trends