Anas Shaaban

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Personal Profile

I am a BSc Computer Science student at Lancaster University with a strong work ethic, adaptability, and a passion for continuous learning. Skilled in both front-end and back-end development, I enjoy combining creativity with technical knowledge to build intuitive solutions. My academic experience spans diverse areas including artificial intelligence, networking, human-computer interaction and software design. Beyond my studies, I have completed several independent projects (available on my website) and enhanced my skills through additional courses on Codecademy, primarily focused on Data Science.

Education

BSc in Computer Science | Lancaster University, Lancaster, United Kingdom | 2022- 2026

Achieved upper second in first 2 years, and I expect to get a first in final year.

A-Levels | Holy Cross College, Bury, United Kingdom | 2020-2022:

Arabic (A), Biology (B), Chemistry (B), Mathematics (C)

Technical Skills

Programming languages: has experience programming in Python, Java, C, HTML, CSS, JavaScript, PHP, JavaScript, SQL, erlang, Assembly language, MATLAB.

Development Practices: Familiarity with design patterns, SOLID principles, object-oriented programming, and writing clean, maintainable code.

Project Frameworks: Knowledge of team and management methodologies, including UCD, Agile, Waterfall, Scrum, and Extreme Programming.

Operating Systems: Experience with both Windows and Linux platforms.

Office Skills: Proficient in Microsoft Excel, PowerPoint, Word, and Teams. Typing speed of 71wpm.

Projects

AI Ecommerce Companion (Python)

Developed a Python CLI tool that automates market research for eBay listings

- Leverages the eBay and OpenAI APIs by using product identification and price estimation techniques to calculate potential profitability and generate reports to aid reseller purchasing decisions.
- Enables users to input links, so that the software automatically extracts product names from the image on the link page using OpenAI API.
- Uses eBay API to find individual item values from eBay and created complex algorithms to match fetched eBay items with the item we are searching for, mainly using regex.
- Generates reports that include estimated profit, prices, and other information

Shaaban Market (PHP, HTML, Bootstrap, CSS, JavaScript

Developed a full-stack e-commerce website with end-to-end functionality with a design inspired by Temu and Amazon.

User features**:**

- Browse products and view detailed information including price, description and images
- Select different product variants (e.g., size, colour, model)
- Search products or filter by categories and brands
- Make secure online payments to complete purchases

Admin features**:**

- Add, edit, and delete products and their variants
- Add, edit and delete categories and brands

Smart Budget (Excel)

Designed an Excel budget workbook to manage personal finances

- Tracks and organizes spending into clear categories
- Provides insights into current spending habits and trends using numerical data and visual charts
- Supports financial planning by allowing budget allocation for each category

Transferable Skills

Teamwork: Successfully collaborated on a six-month university team project to design and implement a presentation application similar to PowerPoint, using good communication and management to take on both leadership and supportive roles.

Adaptability: My degree consisted of a diverse range of different coursework and learning material, which required me to be adaptable to the different requirements of my course.

Professionalism: Well-presented and prepared to consistently uphold courtesy, respect, and company standards in professional environments.

Drive: Highly motivated to excel and continuously improve both personally and professionally.

Communication: I have good listening skills, as well as a friendly personality, which has helped me to maintain good relationships with peers.

Multilingual: Fluent in English and Arabic, with self-learned basic competency in French.

Autonomy: Demonstrated good time management by balancing university coursework with personal responsibilities.

Work Experience

Brand Representative, Citrus Organisation Limited:

- Promoted a government-funded cavity wall insulation scheme through direct, door-to-door sales
- Communicated benefits clearly to homeowners, building rapport and addressing concerns
- Contributed to public awareness of energy efficiency initiatives
- Developed effective strategies to reach KPIs and manage territory well