

EDUCATION

Lycee International de Londres Winston Churchill

UK, London

- o **Grade:** Highest Honour with Committee Praise (Overall Average 18/20 ⇔ A*A*A*)
- o **Relevant Coursework:** Maths : 20/20, Computer Science : 18/20, Further Maths : 20/20, Physics & Chemistry : 17/20

Queen Mary University of London

UK, London

B.S in Computer Science with Industrial Placement

Expected Graduation: June 2028

- o **Grade:** Expected First Honours
- o **Relevant Coursework:** Object-Oriented Programming, Web Programming, Procedural Programming, Information System Analysis, Computer Systems and Networks

Experience

Web developer

Sarasbeads & Jewellery

March 2025-Present

- The website's aesthetics and user experience were redesigned by improving layout clarity, header and footer structure, and mobile responsiveness within a customised Shopify theme.
- Navigated and modified a large, complex Liquid codebase to implement visual and structural enhancements, significantly improving usability, SEO, and overall site performance.

PROJECTS

MoMetriX: Custom Business Data Platform

Individual

December 2024– Present

- A modular Flask app designed for businesses to define, manage, and analyze their own data. Key features include RBAC, dynamic form generation and secured authentication using JWT, all powered by SQLAlchemy.
- Admins can manage platform access, invite moderators, and customize permissions for collaboration. The app uses JSON for data transfer between the frontend and backend.
- Deployed on Render with a secure, testable backend, using SQLite for local testing and PostgreSQL for production.

Horse Race Simulator with GUI (Swing)

Individual

March 2025– April 2025

- Developed a horse racing simulator using OOP principles in Java, incorporating encapsulation to protect data.
- Implementing multiple game modes and a feature-rich GUI to enhance user experience and gameplay variety.

Client Portfolio Website – Freelance Project

Individual

May2025 – Present

- Built a full-stack portfolio website with **React.js**, **Node.js/Express**, and **SQL**, featuring a calendar-based 1-to-1 session booking system and a blog with user authentication, content creation, likes, and comments.
- Implementing an **admin dashboard** for analytics & insights; deployed frontend on **Netlify** and backend on **Render**.

SKILLS

Programming Languages: Python, JavaScript, SQL, Java, HTML, CSS, PHP

Frameworks & Libraries: Flask, React.js, Django, Express.js, SQLAlchemy, Pandas, Scikit-learn, Matplotlib, Seaborn, Chart.js, Jinja2, Java Swing, Pygame

Tools & Technologies: Git, PostgreSQL, MySQL, SQLite, JWT (Authentication), JSON (Data Transfer), Render, Netlify, Railway

Certifications

Introduction to Web Development with HTML5, CSS3, and JavaScript (EDX)

AI for Everyone: Master the Basics (EDX)]

Analysing Data Using Python (EDX)

Languages

Fluent : English, Arabic, French | **Proficient** in : Spanish