

Jadid Alam

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Education

Queen Mary University of London

September 2023 - May 2027

MSc Computer Science, Predicted: 1st (GPA: 4.0)

Relevant Modules: Object Oriented Programming, Databases, Web Development, Algorithms and Data Structure

University of Oxford

September 2021 - May 2022

MEng (FT) Chemical Engineering

Experience

London Science College

Edgware Middlesex

Web Developer

August – September 2024

- Developed 10+ website pages for LSC's website by designing pages using pre-built components, built custom components.
- Integrated more than 5 plugins, and implemented custom JavaScript, HTML, and CSS to enhance functionality.
- Acquired positive feedback from teachers and students with a 90% satisfaction rating.

FunTech

Maidenhead, Berkshire

Computer Science Tutor

August – September 2024

- Operated as a summer camp a team of 9 tutors from FunTech and taught Python and Unity Game Coder.
- Prepared teaching course content, followed a tight schedule, set up devices to be ready for teaching by 8am.
- Influenced a rise in student motivation by 30% by providing a productive environment.

London Science College

Edgware Middlesex

Software Developer

July – August 2024

- Developed a MacOS and Windows application, to increase the productivity of employees by 15%, using JavaFX.
- Constructed an application that reduced the time taken to create invoices by 60%, resulting in high consumer satisfaction.

London Science College

Edgware Middlesex

GCSE Tutor

May 2022 – October 2024

- Taught GCSE Students, Maths and Physics, while collaborating with a team of 40+ tutors.
- Improved student's grades by 30% and achieved trust of the managers and directors.

The Co-operative Group

Dagenham, London

Counter-Service Assistant

May 2022 – June 2022

- Engaged in customer service with 20+ customers daily and provided excellent service.
- Earned a satisfaction rating of 5/5 on a survey from the customers.

Technical Skills & Projects

1v1 Scramble Game Backend

- Developed a real-time multiplayer game backend using Rust and Web-Sockets, hosted on AWS.
- Achieved a 40% reduction in response time compared to a Python implementation, ensuring ultra-low latency gameplay.

FDM Expense App

- Engineered a full-stack expense management system using React.js, Django, and MySQL, replacing Excel-based tracking.
- Improved expense claim processing efficiency by 70% through automated validation and structured approval workflows.

LSC Homework Portal (commissioned)

- Produced a website using JavaScript, enhancing homework management for 100+ students and teachers.
- Implemented a homework calendar, allowing teachers to add homework and students to track assignments efficiently.

LSC Invoice Builder (commissioned)

- Built an invoice generation app using JavaFX, streamlining billing for 500+ recurring customers.
- Integrated a customer database, reducing manual data entry by 80%.

Horse Race Simulator

- Forged a betting game using Java Swing, engaging 100+ players with a simulated horse racing experience.
- Implemented an in-game currency system, enhancing player retention and interaction.

Portfolio

- Designed and established a personal portfolio website, showcasing projects and skills, attracting 50+ visitors.
- Integrated MongoDB database, improving project scalability and data management.
- Utilized 5+ technologies: HTML, CSS, JavaScript, React.js, Django (Python), and MongoDB.

Programming: Java, JavaScript, React JS, MATLAB, HTML, CSS, PHP, SQL, C, C++, C#, Swift, Python, GitHub, Unity, Oracle, Rust, AWS.