# Mohammed Salim

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I am a second year Computer Science student with a strong foundation in software design and development and a broad interest in areas such as AI, Software Engineering, Web Development, and Game Development. Through group projects and freelance work, I strengthened my technical skills in languages such as C#, Python and Java. These experiences have also enhanced my teamwork and problem-solving skills allowing me to effectively collaborate and meet deadlines. I aim to leverage my technical ability to create innovative solutions to real-world problems.

## Education

**2023-Present | Aston University BSc (Hons) Computer Science**

- **Predicted a 1$^{st}$ class honours.**
- Obtained **a 1$^{st}$ class honours** during first year of studies.
- **Key Modules:** Object-Oriented Programming, Introduction to Artificial Intelligence, Data Structures and Algorithms in Java.

**2021-2023 | King Edward VI Aston Sixth Form**

- A-Levels: Mathematics, Computer Science, Physics - all at **Grade B**

**2019-2021 | Eden Boys' School**

- **10 GCSEs at Grade 6-9**, including Mathematics (9) and English (7)
- **Two level 2 Distinction stars (L2D*)** in BTEC Health and Fitness and Graphic Design

## Skills

- **Programming Languages:** Experienced in Python, C#, JavaScript, and PHP, with a practical understanding of Java, SQL, and Go.
- **AI Python Modules:** NumPy, MatPlotLib and SKLearn.
- **Web Development:** Skilled in creating well designed websites using JavaScript and PHP Frameworks for backend.
- **Software Development Tools:** Proficient in using Git/GitHub for version control and Visual Studio Code for development.
- **Languages:** Native/Bilingual proficiency in **Arabic** and **English**

## Work Experience

**Aug 2024-Present | Private Entertainment Company | Software Developer (C#)**

- Designed and developed a Virtual Recording Studio application using Unity, enabling users to save, share, replay, and export recordings in multiple file formats.

- Implemented a 3D environment to simulate recording conditions and developed features for capturing audio from microphones and the environment, allowing for playback and multi-angle replay
- Utilized problem solving skills to tackle many challenges and using a RAD programming methodology to produce working prototypes rapidly.

**Feb 2024 – Aug 2024 | Co-op Food | Public Sales Assistant**

- Collaborated with my fellow team members to distribute tasks effectively and ensure all tasks are completed efficiently.
- Developed strong customer service skills by handling customer interactions on a daily basis.

**Jan 2024 | Hayat Trust | Website Maintenance Volunteer**

- Maintained the charity's WordPress website to ensure updated fundraising forms.
- Used WordPress and plugins such as Elementor and GiveWP to update website content, fix bugs, manage donations and enhance user experience through collaboration with senior management.
- Strengthened problem-solving skills and technical skills addressing website maintenance and ensuring seamless user experience.

**Aug 2023 | London Central Mosque | Web Developer**

- Independently developed and e-commerce website for selling digital books utilising HTML, JavaScript, and CSS to design a visually appealing a user-friendly UI.
- Designed and built a Content Management System to manage books, customise search filters, view statistics, and manage users.
- Developed strong time management and problem-solving skills by engaging with clients to fit their needs and ensure deadlines are met.

## Interest & Achievements

- Key member of Aston Computer Science Society and Electronics Society contributing where possible to help as a member.
- A participant of Design Factory, currently collaborating with SCC to develop a mobile app aimed at improving mental health via music.
- Regular member of Aston Volleyball Club and a possible candidate for the Men's 1 Team.
- Provide free private tutoring to friends and peers that are struggling, helping them understand programming concepts and course work.
- An avid coder with a deep interest in tackling challenging. In my free time I work on projects in multiple languages to help improve my proficiency and understanding of them.