

Mo Wasim

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Personal Profile

Passionate and forward-thinking university student with a mission to leverage technology as a solution to both current and forthcoming industry challenges. Rooted in a strong foundation, my goal is to be a driving force in combining data-driven insights with business strategies to develop innovative solutions. Actively in search of an internship opportunity that will enable me to acquire industry-relevant skills and hands-on experience, positioning me to deliver valuable contributions to this ever-evolving field.

Education

BSc Computer Science – **Birmingham City University (2022 – 2025)** – In progress

First year achieved – 72% (first class)

Notable modules included: Computer Programming (86%), Computer Systems (82%), Website Design and Development (78%), Data Structures and Algorithms (68%)

Access to HE Engineering – **South and City College (2021 – 2022)**

Achieved 100%, Distinctions in all modules. Equivalent to A*A*A* at A-Level (144 UCAS points).

BTEC – **Solihull College (2014 – 2016)**

Achieved DDD (Triple Distinction) in a Level 3 Extended Diploma in IT. Equivalent to AAA at A-Level

GCSE's – **Small Heath School (2008 – 2013)**

Achieved 8 A* - C including English (C), Maths (B) and Science (A).

Experience

CS is EZ, Computer Science Tutor (November 2022 – Present)

- Fostering a comprehensive understanding of computer science concepts, equipping students with the foundational knowledge and problem-solving skills crucial for success in GCSE and A-level examinations.
- Designing curricula to encompass a wide range of computer science skills, from coding and algorithm design to cybersecurity and data analysis, ensuring students were well-rounded and equipped for diverse career paths.
- Integrating real-world examples and hands-on projects to illustrate theoretical concepts, enabling students to grasp complex ideas with practical relevance, enhancing their engagement and skill development.
- Conducting thorough code reviews, offering constructive feedback, and assisting students in writing efficient, clean, and maintainable code while adhering to coding standards and best practices.

Volunteering

Social Media Manager

Oversaw the online presence, during the 2023/24 election campaign, for Asad Khan vying for the VP Opportunities & Community position at Birmingham City University's Student Union.

Strategically targeted advertising across platforms frequented by the demographic, within budget, notably TikTok and Instagram. Regularly curated posts outlining Asad's objectives in bolstering student welfare and university advancement. Resulted in a decisive victory, easily surpassing his second-place competitor by over 200 votes.

Projects

Student performance dashboard (<https://rb.gy/9o8rl>)

Developed an interactive dashboard in Power BI to provide an insight on factors that affect a students' overall result to understand the extent of their influence on students' academic performance. The CSV dataset was imported and cleaned through Power Query. Appropriate visualizations were used including Line chart, Pie chart etc. to present the data accurately. An analysis was performed with recommendations then offered which could help increase students' performance and their well-being.

Mortgage amortization calculator (<https://rb.gy/x7noh>)

Created a user-friendly mortgage calculator in Microsoft Excel, leveraging the Payment function (PMT) to keep track of a mortgage repayment schedule. It allows users to input their loan details and calculate their monthly mortgage payments until their final remaining payment.

Dynamic Lookup (<https://rb.gy/zea4t>)

Dynamic Lookup is an Excel project that demonstrates dynamically finding the prices of a brand and its products through the index-match functions. It is particularly useful for those working in the sales industry or those who need to keep track of product prices.

Video games sales dashboard (<https://rb.gy/drpfr>)

A dashboard, created in Power BI, to identify the best-selling video game genres across all regions, platforms and publishers. By tracking and comparing sales data across various genres, stakeholders can identify which genres are the most popular and financially successful. This helps publishers/development studios understand the competitive landscape and make decisions to achieve a competitive edge.

Skills

Technical – Microsoft Excel, Power BI, SQL, Python, HTML/CSS, SharePoint, Microsoft Teams

Soft Skills – Time management, Teamwork, Communication, Problem solving, Adaptability

References are available on request