**James Mottashed (Jamie)**

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**Personal Statement**

I am an ambitious Computer Science undergraduate at the University of Birmingham, awarded the UK Excellence Scholarship for academic achievement. I combine strong technical foundations in Python, Java, data analysis, and mathematics with proven leadership and communication skills. I have delivered projects from financial data dashboards to system-level development, showcasing reliability, scalability, and technical precision, while ensuring solutions met standards of quality and performance. I am eager to apply my technical and interpersonal skills and problem-solving mindset to contribute to secure, reliable and innovative software.

**Education & Qualifications**

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| **University of Birmingham, B.Sc. Computer Science with Industrial Year**   * First class (predicted) * Modules: Object Oriented Programming (94%), Data Structures and Algorithms (90%), Mathematical and Logical Foundations of Computer Science (98%) | **09/2024-present** | |
| **Reigate Grammar School**   * A-levels: Maths, Physics, Chemistry, Further Maths (A\*, A\*, A\*, A) * GCSEs: 11 (10 at Grade 9, 1 at Grade 8), including Maths (9), Further Maths (9) and Computing (9) | | **09/2017-06/2024** |

**Professional & Technical Experience**

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| **Junior Analyst, Mottashed Energy Consulting ltd. | Remote**   * Gathered, cleaned, and organised energy market data into structured Excel dashboards, applying pivot tables to identify key insights for client decisions. * Developed accuracy, efficiency, and attention to detail when handling large, financial-style datasets.   **Stock and Revenue Analysis Dashboard (Solo Project)**   * Built a Python workflow to extract Tesla and GameStop stock data (yfinance) and revenue data (web scraping), applying data cleaning, validation, and transformation techniques. * Designed interactive dashboards to compare stock prices and revenue trends, demonstrating problem-solving, Python proficiency, and the ability to translate raw data into actionable insights.   **Software Developer and AI Trainer | Data Annotation**   * Developed, tested, and refined code snippets and algorithms to improve large-scale AI training datasets, ensuring accuracy, consistency, and efficiency. * Analysed, annotated, and validated data to train machine learning models, applying problem-solving and attention to detail while collaborating with cross-functional teams.   **Command Line Editor for File Handling (Group Project) | University**   * Collaborated in a team to design and implement a command line-based editor in C for creating, displaying and manipulating text files. * Awarded a First Class grade, evidencing technical proficiency, teamwork, and delivery under deadlines.   **12 Tasks of Hercules, Java Text-Based Game (Solo Project)**   * Designed and developed a full Java text-based game inspired by the 12 Tasks of Hercules, demonstrating ambition, dedication, and passion through planning, coding, and debugging a complex multi-stage project. * Took ownership of the entire project lifecycle, showing tenacity and long-term focus by iteratively improving gameplay, handling challenges, conducting research and ensuring a polished final product.   **Coach and module Co-Lead, Code Kids Robotics ltd. | Surrey**   * Delivered coding and robotics sessions to students, simplifying technical concepts and adapting to diverse audiences, strengthening communication skills essential for collaborating across professional teams. | **06/2024-08/2024**  **08/2025-present**  **07/2025-present** |
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| **Inclusivity Secretary for American Football Society | University**   * Championed the committee drive to enhance team culture, strengthen communication and diversity, and promote a welcoming environment that boosted engagement and retention. | **06/2025-present** |

**Skills & Achievements**

* **Awarded UK Excellence Scholarship in Computer Science** at the University of Birmingham, recognising outstanding academic achievement.
* **Strong technical foundations** in programming (Java, Python, C), web development (HTML, CSS, JavaScript), version control (Git and GitHub), logic, debugging, and algorithms.
* **Proven leadership and communication skills**, demonstrated through coaching coding/robotics, captaincy of my school rugby 1st XV, responsibilities as a senior prefect, and committee roles.
* **Collaborative problem-solver,** with very strong mathematical foundations, including multiple commendations in mathematics competitions, and with experience delivering high-standard group projects.
* **Demonstrated resilience and determination**, earning the **Gold Duke of Edinburgh Award** and recovering from serious injury to be a key starting player in the Dorking Rugby Colts’ **U18 National Cup victory** in 2024.

**Referees**

*References are available upon request.*