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|  | Mohammed N. Ahmed   |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | 07387339753 |  |   Email: [Naeemahmed7860@gmail.com](mailto:Naeemahmed7860@gmail.com)  LinkedIn: www.linkedin.com/in/mohammed-ahmed55 |  |  | |

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| Summary | Second-year Undergraduate Computer and Data Science student at Birmingham City University with a strong foundation in software development, particularly in Python, C, C++, and Bash. Internships at J.P. Morgan and BCG have honed problem-solving and project management skills, establishing a reputation as an organised, self-driven team player. Passionate about technology, adept at finding creative solutions, and effectively communicating with clients and colleagues. Eager to leverage technical expertise in software development, problem-solving, and project management to contribute to innovative projects and drive success in dynamic environments. |

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| Technical Skills | |  |  | | --- | --- | | * **Python:** Proficient in versatile Python for tasks like automation, app development, and data analysis. * **Java:** Experienced in Java for app and system development. | * **R:** Proficient in R for statistical analysis, data visualisation, and making data-driven recommendations. * **JavaScript:** Experience in developing interactive web applications and enhancing user experience through dynamic content and responsive design**.** |   .. |

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| Relevant IT Experience | J.P. Morgan Software Engineering Virtual Experience, 05/2024 - 05/2024  *Forage*   * Set up a local dev environment by downloading the necessary files, tools and dependencies. * Fixed broken files in the repository to make web application output correctly. * Used JPMorgan Chase's open-source library called Perspective to generate a live graph that displays a data feed in a clear and visually appealing way for traders to monitor.   BCG Data Science Job Simulation, 02/2024 - 04/2024  *Forage*   * Completed a customer churn analysis simulation for XYZ Analytics, demonstrating advanced data analytics skills, identifying essential client data and outlining a strategic investigation approach. * Conducted efficient data analysis using Python, including Pandas and NumPy. Employed data visualisation techniques for insightful trend interpretation. * Completed the engineering and optimisation of a random forest model, achieving an 85% accuracy rate in predicting customer churn. * Completed a concise executive summary for the Associate Director, delivering actionable insights for informed decision-making based on the analysis.   Project Manager, 01/2023 - 08/2023  *Innovation Project*   * Led the BSL translator project through the entire project lifecycle, from planning to execution to monitoring * Managed resources and coordinated a diverse team. * Communicated progress and risks effectively to stakeholders. * Mitigated issues to ensure quality delivery on time and within budget. * Conducted post-implementation reviews for continuous improvement.   Hackathon, 10/2022 - 10/2022  *NASA Space Apps Challenge*   * Created an interactive website tailored for NASA's needs using HTML and CSS. * Focused on design and interactivity to meet project requirements. |

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| Education | Birmingham City University, Birmingham, BIR, 2022- Present  BSc Hons : Computer and Data Science  Relevant Modules include:   * **Computer Programming**: Acquired fundamental programming skills in Python, emphasizing code writing and debugging. * **Data Structures and Algorithms**: Covered key data structures (e.g., arrays, linked lists) and algorithms (e.g., sorting, searching) for efficient problem-solving. * **Computer Systems**: Explored computer system components (e.g., processors, memory, storage, OS) and their collaboration in program execution. * **Object-Oriented Programming in Java**: Focused on Java-based object-oriented programming (OOP), mastering concepts like classes, objects, and inheritance for software design.   Central Saint Michael's Sixth Form, West Bromwich, 2019-2021  A-Levels : Business   * BTEC Business extended diploma (D\*D\*D)   Grace Academy Darlaston, Wednesbury, 2015-2019   * Hold 8 GCSEs including Maths (5) and English (7) |

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| Certifications | * **Supervised Machine Learning: Regression and Classification** (DeepLearning.AI, Jun 2024) * **Frontend Developer (React)** (Hackerrank, May 2024) * **Java** (Hackerrank, May 2024) * **Software Engineer Intern** (Hackerrank, Apr 2024) * **C#** (Hackerrank, Apr 2024) * **IT Specialist – Python** *(Pearson, Dec 2022)* |

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| Additional Achievement/ Hobbies | * Developed Python-based systems and games, showcasing strong programming skills. * Created a real-time Sign Language Translator using OpenCV and MediaPipe for sign gesture recognition. Implemented supervised machine learning with TensorFlow and CNNs to compare gestures with a trained dataset. 2nd place in Innovation Fest. * Jiu-Jitsu 1st Degree White Belt and Wrestling practitioner. |

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| Employment History | **Crew Member**, 06/2024 - Current  **McDonalds,** Walsall, West Midlands   * Delivering customer service through strong interpersonal, communication, and teamwork skills in fast-paced environments, ensuring efficient task management, customer satisfaction, and a clean, organised workspace. |

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| References | * To be supplied on request |