

Raihaan Khadim

SKILLS

- **Computational Fluid Dynamics (CFD):** Skilled in ANSYS Fluent for aerodynamic simulations.
- **Programming:** Proficient in Python for engineering-related computer programming.
- **Data Manipulation:** Experienced in using SQL for efficient data manipulation.
- **Data Visualisation:** Competent in utilising Microsoft Power BI for creating insightful visualisations.
- **Microsoft Office:** Expertise in Microsoft Office suite, including Word, Excel and PowerPoint.

EXPERIENCE

Graduate Project Manager, Mace Group – Manchester, UK Jun 2023 – Present

- **Led comprehensive project planning and coordination:** Applied strong project management skills to ensure the timely achievement of milestones. Collaborated effectively with cross-functional teams and stakeholders to drive project success.
- **Established proactive communication channels:** Implemented effective communication strategies, providing regular updates and addressing concerns promptly. Resulted in an enhanced project understanding and increased client satisfaction.
- **Proficiently managed project budgets:** Demonstrated financial acumen by efficiently managing project budgets. Implemented cost-saving measures that resulted in a notable 10% reduction in overall project costs while maintaining high-quality standards.

Road Logistics Graduate, Kuehne + Nagel – Derby, UK Sep 2022 – May 2023

- **Analysed account data:** Applied analytical skills to assess financial account data, generating monthly sales reports. This contributed valuable insights to support strategic decision-making.
- **Devised and executed comprehensive system tests:** Played a key role in the successful implementation of a new domestic fleet management system. Conducted thorough system tests, contributing to enhanced operational efficiency.

Aerospace Engineer, BAE Systems – Warton, UK Jun 2018 – Apr 2019

- **Established a streamlined airworthiness database:** Implemented a robust airworthiness database at BAE Systems, improving data management for regulatory compliance and facilitating seamless decision-making.
- **Analysed testing data in the Electromagnetics Engineering department:** Applied analytical skills to interpret testing data, leading to informed design decisions. Innovatively developed a user-friendly interface, enhancing data interpretation and improving overall workflow efficiency.
- **Conducted in-depth aerodynamic calculations and wind tunnel tests:** Demonstrated hands-on expertise in applied aerodynamics. Conducted precise aerodynamic calculations and wind tunnel tests on BAE aircraft models which led to design modifications, showcasing a practical understanding of aerodynamic principles.

PROJECTS

Design of an Unmanned Air Vehicle (UAV), University of Leeds Sep 2019 – Sep 2020

- **Mastered unfamiliar low-level CFD modelling software:** Took the initiative to independently learn and apply a low-level CFD modelling software, showcasing adaptability and a proactive problem-solving approach.
- **Collaborated seamlessly within a team:** Contributed expertise in CFD modelling, fostering open communication, and actively participated in role delegation for the successful completion of the project.
- **Designed and optimised UAV wings and lifting surfaces:** Showcased advanced 3D modelling skills and utilised ANSYS Fluent for air simulations. Communicated findings effectively and collaborated with team members to conduct a comprehensive aerodynamic analysis, resulting in enhanced overall UAV performance.

EDUCATION

MEng, BEng Aeronautical and Aerospace Engineering, University of Leeds Sep 2015 – Sep 2020

- Achieved a First Class Honours.