Josh Rawlinson

Addlestone, UK | Joshrawlinson05@outlook.com | +44 7512819572

Education

Meng Electrical & Electronic Engineering, University of Warwick   **Sep 2023 – Jun 2027**

- Relevant Modules: Engineering Design, Dynamics and Thermodynamics, Systems Modelling, Simulation and Computation, Electromechanical System Design
- Developed multidisciplinary knowledge, teamwork and time management skills within tight deadlines. Achieved a first-class in my first year
- Completed a variety of academic reports to a high standard and group projects e.g. Developed a feedback loop in Simulink for a self-balancing robot, used Arduino in testing and creation of metal and incontinence detectors

Salesian School Chertsey   **Sep 2016 – Jun 2023**

- A level – Maths (A*), Further Maths(A), Physics(A)
- 10 GCSE's grades 7-9, 9 in Maths and Chemistry

Technical Skills

- CAD (Fusion 360)
- Confident in the coding languages Python and MATLAB
- Fundamentals in wiring and soldering

Experience

Warehouse Technician, Starlight Design   **Oct 2022 – Present**

- Working in a fast-paced events industry, demands effective communication and personal management skills.
- Technical knowledge in electrical cabling and operation of lighting and sound
- Involves the organisation of inventory, safety checks of electrical cabling, lighting and rigging, preparations of goods for use on the job and quickly integrating into teams to effectively get tasks done.

Work Week, Petrofac Woking   **Jun 2022**

- Worked between departments to gain insight into the interaction of engineering disciplines on large projects. Aimed to further knowledge on specialisation.
- Developed communication, presentation skills and confidence in an engineering workspace.

Additional Project

- Homerton Design Challenge (2022), tasked within a team to create a conceptual idea that improves sustainability. Designed a server rack that takes waste heat energy and displaces to the building heating system.

References are available upon request.