

Ben Jeneer

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Education

2021 - 2024 **BEng (Hons) Mechanical Engineering (2:1)**
The University of Manchester

- Collaborated with peers for final year group project, which focused on designing a small roof-mounted wind turbine for UK home application in rural areas. Actively directed the project over a nine-week time frame where the plan was laid out using a GANTT chart.
- Learned to budget to balance product cost with efficiency and quality.
- Developed an understanding of physical principles of electronics, electromagnets and digital circuits.
- Designed and assembled structures using CAD software SolidWorks.
- Conducted numerical analysis using C++.

2016 - 2018 **Highrise College**

- A-Levels: Computer Science (A), Mathematics (A*), Physics (B).

2011-2016 **Weldmann High School**

- GCSEs: 10 A* - A including Maths, Science and English.

Relevant Work Experience

June 2023 – August 2023 **Drone Test Flight Engineer (MACE Summer Internship)**
The University of Manchester

- Worked as a fixed wing engineer in collaboration with two other students to help flight test solutions for the MACE Flight Test Course.
- Responsible for designing, building, testing and documenting solutions to perform flight dynamic experiments using small, unmanned aircraft systems.
- Handled and analysed data using MATLAB.

July 2022 – July 2022 **Mechanical Engineering Intern**
Beirut Engineering Consulting

- Shadowed a senior mechanical engineer and contributed to the creation of preliminary AutoCAD drawings for 3 villa designs and 1 tower design.
- Gained insight into the mechanical systems within a tower including HVAC, water piping, and fire protection.
- Accompanied the supervision team on visits to sites to oversee the execution of villa projects. This included monitoring the construction progress and conducting tests to ensure the integrity of the building.

Other Work Experience

Nov 2021 – Present **Customer Service Assistant**
Tesco

- Served customers at the checkout and customer help desk, providing excellent customer service.
- Learned to work efficiently individually and as a team during busy periods through clear communication and organisation.

Positions of Responsibility

Oct 2023 – July 2024 **Industrial Secretary**
University of Manchester Mechanical Engineering Society

- Liaised with employers to arrange industry field trips for all members of the society, with this being a strong point of attraction leading to an increase in society members.
- Built strong relationships with companies via regular communication, resulting in gaining sponsorships for the society and attendance from employers at careers fairs.
- Assisted in organising regular social events by scheduling and arranging catering. These events were well attended and positively received.

Volunteering

Oct 2022 – July 2024 **Volunteer**
Volunteering Outreach in Science and Engineering

- Supported the planning and delivery of ten workshops, connecting with 12 schools and 200 students across Manchester.
- Presented to students and engaged them in interactive sessions centred around key engineering concepts including OHE (Railway) structures.

Additional Skills

IT: C++, Visual Basic, LaTeX, MATLAB, Microsoft Word, Excel.

Driving: Full clean UK driving licence.

Activities and Interests

- Kayaking – member of the canoe club at the University of Manchester.
- Fundraising for local charities through park runs and marathons.

References available on request