

J Doe

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Passionate first-year Civil Engineering student at Cardiff University, with a strong interest in sustainable solutions and improving lives. Enhanced teamwork, adaptability and communication skills developed through volunteering opportunities. Eager to apply technical knowledge and experience as a Junior Project Assistant with Engineers Without Borders.

EDUCATION

MEng Civil Engineering, Cardiff University 2023 – 2027

- **Fundamentals of Civil Engineering:** Gained a solid foundation in structural analysis, materials science, geotechnical engineering, and fluid mechanics. Developed skills in designing and assessing infrastructure projects like water supply and foundation systems.
- **Applied Design and Practice:** Acquired hands-on experience in engineering design and project implementation, using CAD tools and sustainable design principles. Worked on team projects to solve real-world engineering problems through practical application and fieldwork.

A Levels: Further Maths A, Physics A, Physical Education B, *Cardiff Sixth Form* 2021 - 2023

GCSEs: 11 x 9 - 4 including Maths, English and Science, *Cardiff High School* 2016 – 2021

RELEVANT EXPERIENCE

STEM Ambassador Volunteer Week, STEM Learning February 2024

- Delivered interactive workshops on various STEM topics to over 5000 students across various high schools and colleges.
- Provided inspiration and real-world context to young learners by linking STEM subjects to the world of work, fostering enthusiasm and interest in STEM fields.
- Utilised training and support provided by STEM Ambassadors to confidently deliver a range of activities to empower students to explore STEM careers.

SKILLS

Teamwork: Collaborate closely with colleagues during STEM Ambassador Week to drive engagement and achieve shared goals efficiently.

Communication: Excel at communicating complex technical concepts to diverse audiences, utilising strong communication skills honed through engaging STEM ambassador sessions that increase interest amongst students.

Problem solving: Proactive approach to problem-solving, utilising analytical thinking and creativity to address challenges effectively as honed during an engineering degree by identifying and resolving recurring issues and developing innovative solutions, therefore improving functionality and efficiency.

Adaptability: Adapt to new environments whilst volunteering for the Repair Cafe, working under changing conditions and being flexible in tackling different needs.

Analytical: Proficiency in gathering, analysing, and interpreting data to inform project decisions and improvements honed through degree.

FURTHER EXPERIENCE

Volunteer Repairer, *Repair Café*

Dec 2023 – Present

- Contributed to the circular economy and environmental sustainability by repairing and restoring broken items free of charge, diverting them from landfills and promoting a culture of reuse and recycle.
- Collaborated with a team of volunteers and interacted with members of the public to provide friendly and efficient repair services, fostering a sense of community and environmental stewardship.
- Educated visitors about the environmental benefits of repair and encouraged them to consider repair options before resorting to disposal, promoting a culture of reuse and resource conservation.

Bartender, *Cosy Club*

Jan – July 2023

- Proficient in crafting a diverse range of drinks, leveraging extensive knowledge of ingredient combinations.
- Provided exceptional customer service in a fast-paced bar environment and effectively resolving unexpected challenges during high-traffic hours, highlighting agility and quick decision-making.
- Maintained cleanliness and organisation behind the bar, adhering to sanitation standards and safety protocols to uphold a hygienic environment.

MEMBERSHIPS

Student Member, *Institution of Civil Engineers*

2023 – Present

- Participate in professional development opportunities and networking events within the civil engineering community.
- Stay up to date of the latest developments and trends in civil engineering through ICE's publications, newsletters, and online platforms, enriching my academic and professional journey.

INTERESTS

Netball: Competitive netball player for School of Engineering Netball Team, playing within the Cardiff University intramural league. Demonstrate teamwork, leadership, and commitment to my team. Developing strong communication and strategic skills through regular training sessions and competitive matches.