

Victoria Davies

Engineering Graduate



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Birmingham, United Kingdom

ABOUT ME

Final Year Mechanical engineering student determined to make an effective contribution to sustainable engineering.

I am a determined and resilient person eager to learn and become a better engineer by working through real world problems. I love fast paced, positive environments and believe I can bring my team work, out of the box thinking and organisational skills to the table.

SKILLS

- Good verbal and written communication
- Thoughtful and effective team player
- Computer literate in Microsoft and MATLAB
- Proactive problem solver
- Committed to self-development
- Good focus on the end user

INTERESTS

- Associate member of the IMechE
- Volunteering with local communities (wildlife conservation, mental health awareness)
- Hobbies include staying active, reading novels, learning an instrument and meeting new people.

EDUCATION

BEng (Hons) Mechanical Engineering with year in industry

Aston University

2016 – 2020

- Independent Project: computational modelling describing energy and power systems in buildings, focusing on greener technologies.
- Advanced Thermodynamics and Fluids
- Advanced System Design
- Engineering Design and the Environment

EXPERIENCE

Gas Development Engineer Intern (Hydrogen Domestic Boiler)

Worcester Bosch / Worcester / June 2018 – July 2019

- Lead a team of 6-8 people to develop a Gas Leak Safety Case
- Developed mathematical models to determine allowable gas leak values, now used in new British standard documents.
- Research and documentation (test reports, presentations and best practices) on gas leak behaviour and safety
- Carried out gas leak tests to aid mathematical modelling
- Presented the team's progress at an international Conference
- Aided the project manager with documentation, networking events and workshops.