

HAMISH SAMS

Orchard House, West Terrace, Staindrop
(+44)7718047056 ◇ hcsams1@sheffield.ac.uk

EDUCATION

University of Sheffield

Electronic & Electrical Engineering MEng
Masters Degree expected 2020

Sept 2016 - Present

Expected classification: 1st

Queen Elizabeth Sixth Form College (A-Levels)

Maths
Physics
Computing
Further Maths (AS)

Gained June 2016

STRENGTHS

Computer Literacy

Presentation, Excel, Word, L^AT_EX

Technical Writing

Neat, concise and punctual reports

Teamworking

Lots of experience working in interdisciplinary teams.

Computer Languages

C/C++, MATLAB, Javascript, PHP, HTML, CSS, Simulink, Ruby, SQL

Problem solving

EXPERIENCE

Websell Masters

Jan 2018 - Present

Back-end Web Developer

- Working with customers to create technical sites and databases in a small team.

Eco EnerG Solutions (Renewables) Ltd

June 2017 - May 2018

Apprentice Engineer

- Working within teams under high pressure on various Renewable Energy Engineering projects for commercial clients. Assisted Project Management of mission critical activities and constraints such as HSE, expediting main equipment lead times, grid connections and ensuring day to day installation activities were on target whilst considering external operational factors and environments (heights and weather).
- Assisted the Installation of an Arbor ElectroGen 45 (Combined Heat Power - Gasification) CHP and developed understanding of the intensive engineering and the embedded systems involved. Worked within team on installation and maintenance of ETA Biomass Boilers, helping problem solve for example repair of main motherboard which had triac component failure - 3 phase motor drive.

Darlington Hippodrome

Sept 2017 - October 2017

Front of House

- Welcoming, hosting and communication with customers to enhance their overall show experience.

EXTRACURRICULAR ACTIVITIES

Hacksheffield Society

Sept 2016 - Present

Organiser and Member

- Using team-working and organization skills to arrange, host and taking part in hackathons while dealing with big name company sponsors such as GitHub, Capital One and Sky Betting and Gaming.

Electronic & Electrical Engineering Society

Sept 2016 - Present

Member and Society programming lecturer

- Developed presentation, public speaking and programming skills by lecturing to students about the C based language Arduino every week.
- Aided those with projects and guided them through the process of the projects until completion.
- Kept track of hardware and expenses of the sessions.

IET

Member

- Created professional and social connections and have access to a variety of resources including the ability to study after work to be a chartered engineer.

Darlington Operatics Society (DOS)

Oct 2012 - Jan 2018

Performer

- Improved and adapted communication and presentation skills whilst under pressure.

UNIVERSITY RELEVANCES

Teamworking

- Global Engineering Challenge
- Engineering You're Hired
- Sheffield Industrial Project

Relevant Reports

- Amplifiers
- AC Machines
- Embedded Systems Design

REFERENCE

Chris Gould

University Tutor and AC Machines and Drives Lecturer

- Phone: (+44) 1142 225803
- Email: c.gould@sheffield.ac.uk