

BENJAMIN ANDERSON



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PROFESSIONAL EXPERIENCE

Huawei IRC | Ipswich, IP5 3RE Aug 2019
Research and Development Assistant

- Developed a python library to communicate with a TEC controller over the serial protocol.
- Developed a standalone program to produce failure analysis reports, saving countless engineering hours.
- Presented weekly meetings to inform senior engineers of device failures and reliability.
- Analysing reliability of devices with PAM4 / NRZ inspection, shear testing, electroluminescence inspection.

ARUP | Sheffield, S1 2JE Dec 2018
Design Project

- Tasked with making Sheffield carbon neutral by 2050
- I researched government statistical datasets to calculate accurate measurements for energy waste and power saved in our product.
- Gave a presentation in front of 30+ people, detailing our calculations and conclusions.
- Working under pressure, as progress relied on all members contributing with equal work ethic.

GEC | Sheffield, S3 7RD Feb 2018
Global Engineering Challenge

- Tasked with designing mobile retina scanners to diagnose diseases in Kibera.
- Designed a program capable of recognising diseases based on symptoms in people's retina.
- Pitched our idea in front of a crowd of 30+ people, receiving questions for 10 minutes.

Avalon | Sheffield, S3 7RD Feb 2018
MATE ROV Challenge

- Tasked with designing/building the Power PCB.
- Have to regularly liaise with other engineers to check compatibility between engineering divisions.
- Manage my time effectively to balance my University work with Avalon work.
- Improved engineering specific skills (KiCad, LTSpice)

Pell Frischmann | London, W1U 3PD July 2016
Civil Engineering Assistant

- The role involved calculating the economic feasibility of repairs for a project.
- Attended meetings to discuss our findings and reduce costs.
- Learned the inner workings of an engineering business and being an effective employee.

EDUCATION

University of Sheffield | Sheffield, S10 2TN
2017 – 2021
BEng Electronic & Electrical Engineering: **1st**

Dunraven Sixth Form | London, SW16 2QB
2015 – 2017
A-Levels:

Mathematics	B
Physics	B
Computing	B

Harris Academy East Dulwich | London, SE22 0AT
2010 – 2015
GCSEs (11 Qualifications Passed):

Mathematics	A
Science	A
English	B

ACCOMPLISHMENTS

- Gymnast of the Year, Southwark Gymnastics Club, 2013.
- Outstanding Achievement Award, Southwark Gymnastics Club, 2015.
- British Gymnastics Teamgym Qualifier 1st Place, 2016.
- Team Gym International Open 2nd Place, Lisbon, 2016
- Crafted Classique 100 Mile Race with Team Huawei, 2019

REFERENCES

Huawei Senior Reliability Engineer
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