SKILLS

WEB DEVELOPMENT
Significant extracurricular in responsive full stack web development.

PYTHON
Extensive experience in python with a wide range of applications. My main focuses have been server-side scripting, machine learning, and data analysis.

GOLANG
Substantial familiarity with server-side scripting, event simulation, and API usage.

C/C++
Fluent in C and C++, however I lack experience outwith my work placement

R
I recently learnt R to aid in data analysis, I used it for a personal project to analyse WhatsApp and Facebook messenger chat data.

SQL
I am proficient in SQL and have experience of integrating PostgreSQL and MySQL this into production web servers.

SPOKEN LANGUAGES
I am fluent in French and German, having studied French in school and teaching myself German.

EXPERIENCE

PRESIDENT • COMPSOC EDINBURGH • APRIL 2017 - PRESENT
I am currently the President of Scotland's largest university technology society. In this role, I am responsible for liaising with our partners, organizing large events including our annual hackathon, and managing other committee members in their roles.

WORK PLACEMENT • SCOTGRID • AUGUST 2016
I undertook this work experience in the SCOTGRID lab of the University of Glasgow. Using C and Python I conducted a case study into the efficiency and time complexity of CERN/ATLAS Athena simulations on high performance VMs.

LOCAL HACK DAY • UNIVERSITY OF EDINBURGH • DECEMBER 2017
Working by myself, I developed a website in a twelve-hour period to log sightings of endangered animals and make them publicly available. This was aimed to aid in concatenating sightings of these animals and analyse them through filters on the website, as an alternative to written communication

EDUCATION

COMPUTATIONAL PHYSICS MPHYS• 2017-PRESENT • UNIVERSITY OF EDINBURGH
As a current second year I have learnt the fundamentals of physics, mathematics, and data analysis. I have also gained a strong basis in computer science. I have learnt Haskell, Java, and the essentials of theoretical computer science, such as data management and analysis, computational logic, and time complexity theory.

PEEBLES HIGH SCHOOL • 2011-2017
Attained AAAAA, May 2016 in CfE Higher studying Physics, Chemistry, Biology, Maths and French.
Attained AAA, May 2017 in CfE Advanced Higher studying Physics, Mathematics, and Mechanics.