

Gavin McWhinnie

Email: gavinmcwhinnie02@gmail.com
Website: gavinmcwhinnie.github.io
Phone: 07766 178115

Profile:

I am a first year student at the University of Edinburgh studying Computer Science BSc. I am enthusiastic and ambitious and have wide range of interests: from computer science topics such as machine learning and cyber security to other interests such as music. I am an aspiring jazz musician who plays piano and saxophone.

Employment:

2019/2020 - RNLI Beach Lifeguard Grade 1:

Worked as a beach lifeguard during the peak summer season in 2019 and as a volunteer in 2020 (due to a reduced workforce given the Covid-19 pandemic). Worked as part of a team of 3 lifeguards per beach and trained regularly to perform rescues or first aid when needed. Responsibilities also included maintaining a safe beach environment by monitoring beach users and possible dangers and risks. Skills gained included: First Aid Training, Communication Skills, Risk Management Skills.

Experiences:

2018: Erasmus+ Innovative and Entrepreneurial Solutions to Climate Change: An exchange program where the focus was on developing a product to help people lower their carbon footprint. Climate science was a major focus of the project, but other skills such as 3D modelling, graphic design and teamwork were important.

2018/2020 – Arkwright Scholarship: I was selected as an Arkwright scholar and received mentorship and funding for educational purposes from a government cyber-security organisation.

Qualifications:

National 5 Qualifications

Mathematics A
English A
Physics A
Chemistry A
Computing A
Engineering Science A
French A

Higher Qualifications

Mathematics A
English A
Physics A
Chemistry A
Computing A
Music A

Advanced Higher Qualifications

Mathematics A
Physics A
Chemistry A
Computing A

Other Qualifications:

- Graduate Diploma in Jazz (St Andrews University)
 - Grade 8 Piano and Grade 8 Alto Saxophone
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Interests:

I am a keen student who enjoys studying computer science, particularly machine learning and cyber security. I also enjoy studying mathematics as I have an interest in pure mathematics and problem solving/contest math.

I also play piano and saxophone to a high standard and especially enjoy playing classical piano and jazz saxophone. I play with the Edinburgh University Jazz Orchestra and the National Youth Jazz Orchestra of Scotland.