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Charles Howlett

Education and Qualifications:

University of York, Computer Science BEng/BSc (2016 - 2019)
Currently I have been awarded the following results:

First Year (Overall mean mark: 74%) *Specific module results available upon request*
Second Year (Overall mean mark: 73%) *Specific module results available upon request*
Third Year (Ongoing)

During my spare time at York, I've participated in many subject related activities including:

- Hackathons, such as multiple rounds of the Google hash code, the Google code jam, a BBC hackathon, an ARM hackathon and BAE Systems' capture the flag.
- Being a member of the University's cyber security society. (Other societies that I have been a member of include: band society, game development society and the vegan/vegetarian society.)

As well as this, I enjoy keeping up with tech related news and, being an avid rock climber, I'm a member of the Red Goat rock climbing gymnasium. I also spent 2 months in Greece, during my first year of University, volunteering with a sea turtle protection organisation, and would like to continue similar volunteering work in the future.

Longsands Academy Sixth Form (2014 - 2016)
At Longsands academy, I received the following A-levels:

Mathematics	A	Computing	B
Further Mathematics	B	Physics	D

Whilst studying for these qualifications, I acted as a maths mentor to younger students and earned multiple awards through extracurricular activities, such as:

- A level 2 OCN in supporting reading skills (equivalent to a passing GCSE) for my voluntary work helping younger students with their reading skills.
- An A* in my Extended Project Qualification (equivalent to half an A-level). In this work, I researched popular artificial intelligence techniques in board game playing computers and I constructed my own program to play the Chinese board game "Go".
- My fifth AS level in creative writing.

Longsands Academy (2012 - 2014)
At Longsands Academy I received 10 GCSE's and a BTEC qualification in engineering. I also partook in the Duke of Edinburgh bronze award.

Skills:

Through my education and a thorough interest in computing, I have accrued proficiency in many valuable skills over the years. In terms of programming, I have experience in a multitude of languages including **C, C++, C#, Java, Python, HTML, CSS, JavaScript, JQuery and PHP**. I've also encountered many other languages such as **SQL, Ruby, Prolog, Haskell and Scheme**, though I would like to get to know these languages better, specifically the functional ones.

I'm also quite comfortable using **Git** as well as the whole **Microsoft Office suite**. I prefer working with the **Linux** family of operating systems as I find they are great for learning underlying principles of computers, however I'm also a competent **Windows** user. As a result of my participation in many hackathons, I also have experience using **Hex editors** and network surveillance tools such as **Wire Shark**.

In coming years, I hope to employ these skills in a more professional environment as well as expanding my skill set to include competence in a wider range of technologies.

Work Experience:

During my A-levels, Longsands Academy employed me for part-time custodial work. Following this, between receiving my A-levels and starting university, I worked as a packer at a Cath Kidston warehouse. Both of these roles helped to strengthen my attitude towards hard work, gave me experience in working as part of a large team, and exercised my time management skills.