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Personal Summary

With a logical mindset, I enjoy problem solving and learning new skills. With a cheerful personality and enthusiasm to meet new people, I work well in a team environment. However, I also have the capability to work efficiently and independently when needed. I am excellent at managing my time well and always stay organised. Taking on additional responsibilities is not new to me. I thrive in intense and busy environments.

Education

University of Birmingham – First Year Undergraduate in Computer Science with PwC Degree Apprenticeship

Modules Studied: Programming in Java, Mathematics, Data Structures & Algorithms, AI & Robotics, Logic & Computation, Financial Analysis and Business Organisation & Management.

Ilkley Grammar School 2012-2019:

10 GCSEs- including Triple Science, Maths Grade 9 and English Language Grade 8

A* Maths, A* Further Maths, A* Physics

Work Experience

Royal Observatory with STFC - Edinburgh

Work Experience week

Along with a tour of the observatory and insightful talks about the use of telescopes to explore space, the focus of the week was to mobilise a Lego model of the extremely large telescope. A small group of 4, we were required to learn to use Arduino boards along with different motors including servo motors. By the end of the week, I had managed to module the movements of the Lego model on a robotic arm that could be controlled by using computer keyboard inputs.

Skills used: • Teamwork • Organising my time to work efficiently • Punctuality

Headstart Course – University of Liverpool

Robotics & Autonomous Systems Experience Week

During the week we made an infrared sensor and emitter that would be almost like a megaphone. Tackling many coding errors throughout the week, I also helped in a group to build a Lego Mindstorm robot, which was tested in its autonomous ability around a flat obstacle course. It was tested in its ability to follow lines, follow walls and detect obstacles.

Skills used: • Logical thinking • Adapting existing skills to new situations • Enthusiasm to learn

Extra Qualifications

Gold D of E

BTEC Level 2 in Aviation Studies