

# Ash Horton

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## Profile

I'm a well-organised and resourceful BSc Physics graduate with strong experience in computing, excellent problem-solving ability, and practical skills in electronics.

My attention to detail and analytical skills are strong and I enjoy working towards project orientated goals.

I'm a highly motivated team player, keen to take on new challenges and I'm looking to work with a business that can help me further develop my skills and range in technology.

## Key Skills

- **Computational Physics** – University module focusing on modelling physics with Python.
- **Python** – Good knowledge of Python from both University Lab work, modules and home projects.
- **3D Printing and Design** – I have my own 3D printer which I use to design and print components for home projects.
- **Linux and Windows Systems** – Excellent knowledge of both systems.
- **Raspberry Pi and Arduino** – Multiple projects for both home and University work.
- **SQL** – Basic understanding of MySQL in Linux terminal.

## Education and Qualifications

- University of Bristol, BSc Physics, completed June 2022
- Bmet College, Access to Engineering Technology (Distinction – A Level Equivalent)
- British Army, NVQ Level 3 in Equipment Maintenance Engineering
- IMeche, Engineering Technician
- GCSEs A\*-C including Mathematics and English

## Work Experience

### IVC Evidensia, Finance Assistant

August 2022 – Present

- Attention to detail - Checking customer accounts are fully up to date, finding correct information and updating as required.
- MS Office - Using Excel to check and edit large CSV files. Using MS Teams to effectively collaborate within my team, share progress updates and share ideas.

- Communication – Working as part of a small team to achieve goals towards the wider company.

### **British Army, Vehicle Mechanic**

October 2011 – April 2021

- Vehicle Repair – My main role was to repair and maintain a fleet of MAN trucks and Land Rovers carrying out both physical repairs and technical diagnostics.
- Communication – I interpreted problems described by drivers who had little mechanical knowledge, to enable me to carry out an effective diagnosis.
- Organisation – The military demands the highest of standards in regard to time management, personal organisation, and presentation.
- Mentoring – Later years of my career required training and mentoring newly qualified mechanics to ensure strict vehicle repair standards were upheld.
- Teamwork – I worked both independently and as a team depending on job requirements.
- Progression – I continued with the military in the army reserves, was promoted to Lance Corporal and became a class 1 vehicle mechanic.

### **Halfords, Auto Fitter (Summer Job)**

June 2019 – August 2019

- Customer service - I maintained a professional attitude both during vehicle repairs and the main checkout to ensure customers had a positive experience.
- Organisation – I arranged customer bookings, ensuring availability of vehicle technicians.
- Communication – I had a polite and professional phone and email manner in addition to providing knowledgeable and friendly in-person customer service.

### **Netheravon Parachute Centre, Coach and Tandem Instructor**

January 2015 –

August 2018

- Teaching – I briefed a group of up to 15 students at a time regarding their parachute jump, ensuring each person understood the risks and rules before participating.
- Responsibility – I was accountable for the wellbeing of my students throughout their time at the parachute centre, ensuring their safety at all times.
- Teamwork – The parachute centre operates with a small team, each with many responsibilities to make sure the centre runs safely and efficiently. I also worked closely with the videographer to capture footage of the descent and landing.

### **Other Interests and Hobbies**

- I spend a lot of my free time experimenting with Raspberry Pi based projects.
- I enjoy learning new programming languages and I am currently focusing on C++.
- I own a hobbyist 3D printer which I use to print some of my own designs.
- I am an experienced rock climber both at indoor climbing centres and outdoors.
- I regularly complete escape rooms and other puzzle-based games.