

Morgan Anderson

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Summary

I am an accomplished and result oriented individual who strives for the best in everything. Having achieved the highest possible marks for several subjects shows my determination to perform under pressure and the will to strive to the highest possible level. I believe I am an adaptive and motivated individual with the ability to work both independently and as part of a cross functional team.

Education

University of Glasgow 2016-2021

Master of Engineering in Aeronautical Engineering

Glasgow, Scotland

Graduating June 2021 with a projected 1st class.

- Being one of 3 to achieve over 90% in Dynamics out of a cohort of 240 individuals.
- Evening classes in Mandarin.
- Additional Evening classes in Python.

Kelso High School 2009-2015

Kelso, Scotland

Graduated May 2014

- Awarded the highest grade of the year in Higher Mathematics.
- Top 3 in class for Mathematics, Biology, Physics and Chemistry for a consecutive 3 years.
- Top 1% of year for UCAS points.
- Scottish Standard Grades: Mathematics-1, Physics-1, Biology-1, History-1, Chemistry-1, Physical Education-1, English-2, Geography-2
- Scottish Highers: Mathematics-A, Physics-A, Biology-A, Managing Environmental Resources-A, Chemistry-B
- Advanced Highers: Chemistry-C, Mathematics-C

Employment History

Tweed Solutions

Kelso, Scotland

Summer Internship Web Developer

June 2019 - September 2019

- Collaborated with the team aiding the development of a number of websites using technologies such as HTML5, CSS3 and Javascript
- Experienced using standard web debugging tools and techniques
- Redesigned existing websites and the developed new websites
- Participated in weekly company/client meetings to discuss recommendations for improving upon existing websites

Sainsbury's

Hawick, Scotland

Barista

September 2015 – January 2016

- Provided customers with product information such as coffee blends and preparation descriptions.
- Taking payments from customers via cash, cheques and credit cards and responsible for the accurate and timely allocation of cash, all in a fast-paced environment.
- Demonstrated the professional use of retail equipment such as espresso coffee machines, as well as excellent food and beverage knowledge.
- Produced highly satisfactory customer service effectively and efficiently as well as maintaining health and safety within the workplace.
- Developed an ability to upsell to ensure guest satisfaction, and quality customer service skills with communication and professionalism.

Interest Link Borders

Kelso, Scotland

Volunteer mentor

March 2014 - August 2015

- Worked as a volunteer for young adults with learning difficulties, which consisted of helping the young adults to develop their communication and social skills.
- Expanded my skills of communication (particularly overcoming communication barriers) and acting as a team leader.

Queens House

Kelso, Scotland

Carer

February 2014 – May 2015

- Cared for elderly people with learning disabilities.
- Attended to the needs of individuals with different capabilities and requirements.

Private Math Tutor

Kelso, Scotland

January 2015 - June 2016

- Taught Math at National 5, Higher and Advanced Higher.

Hobbies & Interests

I swam competitively for several years and won the East District swimming championships at seven events. I also won two Scottish national titles and was the Scottish Schools' Champion. I also represented Scotland at international swimming events, all during which I was able to keep my studies up to an extremely high level.

I am also a keen and competitive cyclist having spent my gap year cycling throughout the French and Austrian Alps. This illustrates my drive and determination which I believe would allow me to fit in well.

To improve on my time management skills, I attended a number of regular evening classes as well as balancing the highly demanding timetable of an engineering student.

Activities

GuOrbit - Glasgow University Orbit Society

- The first university to launch a satellite into the earth's atmosphere.
- Analysing, researching and purchasing the technical components required whilst within a constrained budget.

Key skills and Knowledge areas

- Solid command of technologies, tools and best practices in designing mechanical equipment using AutoCAD, SolidWorks, Engineering Drawings, and labview.
- Strong team collaboration skills. Working closely with team members to achieve desired goals.
- Excellent time management skills.
- Very well developed problem solving capabilities.
- Team communication skills. Playing a key role in many group projects to meet specific deadlines.
- In-depth knowledge of aerodynamics.
- Engineering mechanics (Statics and Dynamics).
- Manufacturing and design.
- Strength of materials/material analysis.
- Economics knowledge (Microeconomics).
- Thermodynamics.
- Star CCM+
- Abaqus
- Excel
- PowerPoint
- Matlab, Python
- HTML5, CSS3, Javascript
- Wordpress CMS
- ATOM Text Editor