

JAMIE GEDDES

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PROFILE

I am a hard-working 4th year aeronautical engineering MEng student with a strong interest in the automotive industry and motorsport. In my time at university thus far I have taken several courses relating to aerodynamics and design. As a result, I am competent at using SolidWorks, MATLAB and Javafoil, among other engineering programs. Through completing modules in aerodynamics and fluid mechanics I have fostered strong enthusiasm for the subject which has led me to choose further modules in this area such as Computational fluid mechanics, high speed aerodynamics and industrial aerodynamics. It has also motivated me to pursue a career within aerodynamic design, specifically in the automotive industry. I would love the opportunity to take part in the UG Racing team, especially in an aerodynamics role.



EDUCATION

MEng Aeronautical Engineering | University of Glasgow

SEPTEMBER 2017 – JUNE 2022

Have so far completed 3 years of an aeronautical engineering master's degree, currently on course to achieve a first-class degree with a GPA of 18.2 (22 Point Scale).

Secondary School | Doon Academy

AUGUST 2011 – JUNE 2017

Advanced Higher: Physics

Highers: Maths and English – A

Physics, Business Management & Computing Science -B

Art and Design, Chemistry & Modern Studies - C

SCQF6: Personal License

Computer Games Development

National 5's: 5A's and a B



EMPLOYMENT HISTORY

Barman | Dalmellington Inn

MAY 2018 – NOW

- Served each customer with sincere, positive, pleasant, and enthusiastic attitude.
- Built relationships with regular customers and improved upon my interpersonal skills.
- Worked a Saturday night and was responsible for locking the pub, as well as various other tasks including Stocking fridges and optics throughout shift, serving drinks and handling money etc.

Delivery Boy | Doon Valley Pharmacy

JANUARY 2013 – AUGUST 2017

- Picked up and delivered prescriptions to the elderly and planned out the most efficient route.
- Occasionally collected payments for orders.

Work Experience | Spirit AeroSystems

NOVEMBER 2015

- Worked in various departments across the week, including Non-Destructive Testing, Quality Engineering and Tooling.
- Conducted ultrasound tests on aircraft components to check for deficiencies in the parts.
- Analysed 3D models to check for clashes in the design.
- Worked with composite materials including carbon fibre.



SKILLS

- **Programming** – I have excellent knowledge of using MATLAB, and have used it to create programs which have plotted flow around a Rankine fairing and to calculate whether a rocket would be capable of Low earth orbit using its mass and thrust at stages in its launch. I am also able to use visual basic, which I used to create programs while sitting my higher computing.
- **CAD** – I am proficient at using SolidWorks, which I have used at university to create multi-part models such as a mountain board. I have also created smaller designs such as a USB casing and a plastic bottle using Autodesk Inventor, this was for my Graphic Communication National 5
- **Team Work/ Leadership** – Worked as part of a team during many group projects, including designing a high lift aerofoil, this entailed planning group meetings, collectively deciding upon an initial design which was based on my suggestion and communicating with the lecturer during wind tunnel tests in order to improve the design.
- **Time Management/ Reliability** – Very good at managing my time, having been working in a bar for the past two years while studying full time. I have submitted all assignments on time and have missed next to no lectures during my 3 years at university.



INTERESTS & HOBBIES

- **Music** – I attend at least one music festival a year and multiple live concerts throughout the year. I have travelled all over the UK to see bands and even further afield to events like NovaRock festival in Austria. I also play the guitar and have done for around 10 years.
- **Gaming** - I really enjoy gaming on PS4, with most of the games I play being driving games like Gran Turismo.
- **Cycling** – I have recently bought a bike and have been enjoying cycling as a way of keeping fit.
- **Football** - I've always loved football and though I do not play it anymore I have a season ticket at Ibrox and watch football regularly.
- **Driving** – I have been fascinated by cars from a young age and really enjoy driving. I am particularly interested in car design and this was a big factor in my choice of degree subject.