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## FINN ANDERSON-GROUT

### SUMMARY

A dedicated engineering undergraduate, with extensive problem-solving skills. My interests lie within aerodynamics and computer science. I am currently beginning my research project on the use of active flow control for reducing the aerodynamic drag of road vehicles. I am seeking to utilise my skills further in a professional environment.

### PROFESSIONAL ACHIEVEMENTS

Projects and research reports are uploaded on: <https://finnanderson.github.io>

### EDUCATION

#### **AEROSPACE ENGINEERING (BENG), UNIVERSITY OF BRISTOL, BRISTOL, 2019-TO DATE (2022 GRADUATION)**

Year 1: 67%

Year 2: 71%

#### **A-LEVEL, BHASVIC SIXTH FORM COLLEGE, BRIGHTON, 2017-2019**

Mathematics: A\*

Physics: A

Geography: B

### SKILLS

Strong knowledge of computer science languages: Python, C, MATLAB, HTML, CSS

Proficiency in engineering software: Autodesk Inventor, Autodesk flow design, GMAT

Machine learning proficiency for data science: Data preprocessing and prediction models, predominately using *SciKit Learn*.

### WORK HISTORY

#### **DATA SCIENCE CONSULTANT, 180 DEGREES CONSULTING (180DC), BRISTOL**

10/2021 – To date

At 180DC, I am currently working with *Pertiwi*, a charitable foundation in Malaysia. As a project team, we are seeking to analyse and improve their business model. My position is to utilize my data science skills to provide the client with the most appropriate data management strategies to incorporate the predicted client growth.

#### **STUDENT INTERN, BRISTOL COMPOSITES INSTITUTE, BRISTOL**

06/2021 – 08/2021

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Employed as a student intern over the summer with the aim of designing and commissioning a punch-forming platform for composite materials. Following a successful internship, I was offered to work further to assemble this platform and conduct research tests under.

Further details: [https://finnanderson.github.io/forming\\_rig.html](https://finnanderson.github.io/forming_rig.html)

#### **STUDENT INTERN, LAING O'ROUKE, BRIGHTON**

06/2018-07/2018

Analysed technical drawings in a real-life scenario

Gained experience using AutoCAD Civil 3D

Learnt many team leadership skills through working with a team leader, such as public speaking and team organisation.

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#### **OTHER ACHIVEMENTS**

2nd category road and track cyclist

Duke of Edinburgh Award: Bronze

silver medalist at the 2018 school games national team pursuit (track cycling) top 10 at national school games national individual sprint (track cycling)

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#### **REFERENCES**

##### **RIC SUN**

Bristol Composites institute

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##### **STEVE BULLOCK**

Employment, University of Bristol; Aerospace department

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