

## CONTACT ME

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🖱 <https://finnanderson.github.io>

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## AREAS OF EXPERTISE

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### Computer science

Strong understanding of a range of languages including C, MATLAB, python, CSS, html.

Machine learning understanding using Scikit-learn for data-analysis and predictive modelling.

### Engineering design

Proficiency in Autodesk CAD software, CFD and FEA.

### RC software

Proficiency in using RC software to encode and decode data using, microcontrollers to make intime adjustments to electrical components.

## OTHER INTERESTS

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### Track cycling

Silver medalist at the 2018 School Games National Team Pursuit  
Top 10 at National School Games Individual Sprint

### Intelligent Automation

I am fascinated by the advancements due to the cumulative impact of advances in mobile, cloud computing, EDGE and data science technologies.

# Finn Anderson-Grout

## Aerospace Engineering Undergraduate

A penultimate year Aerospace Engineering undergraduate seeking an internship in consultancy. Over the past 2 years I have worked on three projects involving engineering design, business strategy and data science consultancy.

I want to pursue a career in aerospace and automotive business strategy, to be part of a greener future. Ultimately, to work in an open and inclusive environment to build on my experience.

## WORK EXPERIENCE

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### Data Science Consultant

*180 Degrees consulting • Bristol • 10/2021 - Present*

At 180DC, I am working with Pertiwi, a charitable foundation in Malaysia, to analyse their client basis using data science.

From initial business model analysis, we see the potential for significant efficiency improvements by developing a central database to store client data.

We analysed their data to segment their customers, targeting them more effectively.

We also used the intelligence gained to raise Pertiwi's social media presence, a crucial element of the charity's fund-raising operations.

### Student Intern, Research

*Bristol composites institute • Bristol • 06/2021 – 08/2021*

As a research intern, I analysed current composite material forming processes to improve the design and commission a specific forming rig, to develop predictive modelling techniques.

From regular meetings with suppliers and supervisors I was able to develop an optimum product between what is available and what is desired within budget.

I was able to develop an understanding of engineering product processes, and experience presenting to the board.

A detailed report is available at: [https://finnanderson.github.io/forming\\_rig.html](https://finnanderson.github.io/forming_rig.html)

### Student Intern

*Laing O'Rourke • Brighton • 06/2018 – 07/2018*

Working as a student intern, I had exposure to engineering business strategies to develop an understanding of the business process.

## EDUCATION & CREDENTIALS

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### Aerospace engineering (MEng)

University of Bristol, Bristol  
2023 gradation, Year 1: 67%, Year 2: 71%

**Certifications:** Udemy data science using python