

Fred Xi Jones

BEng (Hons) (1st) Product Design and Engineering

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### Personal Profile

Tailor your statement for the role. Keep it short . Avoid general phrases other candidates may use. Choose your words carefully and be specific such as including any particular award or achievement that may make you stand out. Give a brief description of yourself. Summarise your skills and abilities. If you do not have much industry experience, use this to pitch your enthusiasm, willingness to learn and highlight transferable skills you may have. State your ca-

### Higher Education (include your module scores and year averages)

**BEng (Hons) Product Design and Engineering (1st)**  
**Canterbury Christ Church University**

2019 to 2023

#### Year 3 Modules

FEA for Mechanics and Materials(60%); Advanced stress analysis(75%); Design & Analysis for Automated Manufacture(70%); Design for Rapid Prototyping, Pattern, Moulding and Tooling(75%); Professional product Design Engineering Project(80%); Industry 4.0 for Manufacture(65%).

**Overall 70.8%**

#### Year 2 Modules

Product Design Lifecycle(65%); Computer Aided Engineering and Design (75%); Dynamics of Solid Mechanics & Materials(70%); Human Factors in Designing Systems/Products(75%); Manufacturing Control, Instrumentation & Communication Systems(85%).

**Overall 75.8%**

#### Year 1 Modules

Professional practice engineering (with Mechatronics project)(75%); Mathematics & Computing for Engineers(60%); Introduction to Engineering Design(75%); Introduction to Elec/mechanical Systems & Prac-

**Employment History (your employment history will be more important than your secondary/college information. So follow your higher education with employment history. The employment History will continue onto the next page thereby leading the reviewer to page 2 of your CV )**

**Mechanical Engineering Internship**

2021 to 2022

London Engineering and co

I was responsible for updating engineering drawings using the company's .....

Use this section to include impactful Imagery of your project.

### Include title of projects

Use this section to stand out during the longlisting and or shortlisting stages of reviewing CVs .

Even though QR codes and LinkedIn Profile link can be added to CV, Purposeful images, strategically placed on your CV can catch the eyes of reviewers.

Showcase your project, concept ideas, or design skills. Sometimes an image can say a lot more than texts.

Your enthusiasm for your project can come through to prospective employers.

Images can be conversation points at interviews.

Avoid using images for decorative purposes. Choose your Images carefully as their function is to showcase your project in a manner that text only CV may not be able to do.

Creative and visually focused industries may require images showcasing projects involved with included with the CV. In such industries, a strong graphical design element to the CV of a recent graduates can also be a way for applicants to promote their creative uniqueness and personality.

Include some descriptive texts to the images

Always use CCCU CV360 to check your CV

## Secretary and general roofing

2019 to 2021

### Labourer –part time

Fred Roofing Ltd London

I worked as a secretary for the business which entailed being responsible for dealing with customers, handling orders, invoices and general office duties. I have also worked and am currently working as a general labourer/ apprentice.

**Include any volunteering role especially if you do not have enough work**

2017 to 2019

Transferable skills from a different sector can be very important

**Skills and Experience** (Summarise your skill sets and experience. Anyone can write a list so explain where you got experiences and how you developed your skills)

I have worked in a variety of different jobs in different sectors. This has allowed me to adapt, learn and improve on a wide range of skills including problem solving, interpersonal as well as written and verbal

## Secondary Education (you do not need to list all your GCSE grades)

### A Levels– College Of North East London

2017 to 2019

Art (A), Design (A), Physics (A),  
Maths (B)

### Levels– Duke's Aldridge Academy London

2012 to 2017

11 GCSEs including Maths, English,  
Art and Science

## Interests (Do not put Hobby as it will sound naff)

I enjoy basketball, football, rock climbing and tennis. I am a member of the Canterbury Christ Church University climbing club, which is a new interest I have developed whilst studying in Canterbury. I am also a member of a football team and have been since a young age. When I was 16 I spent time travelling around New Zealand and Australia. Whilst there I participated in a football league that allowed me to travel around the country visiting new places and meeting many people from different cultures. Whilst I was there I was voted as the best new player of the year and was awarded the role of captain.

## References (Do not put reference on request)

Mrs Ci Y

Manager

London Engineering and co

56 Camden High Street

London NW1 8RT

Tel. 12345672

Dr Anne Nortcliffe

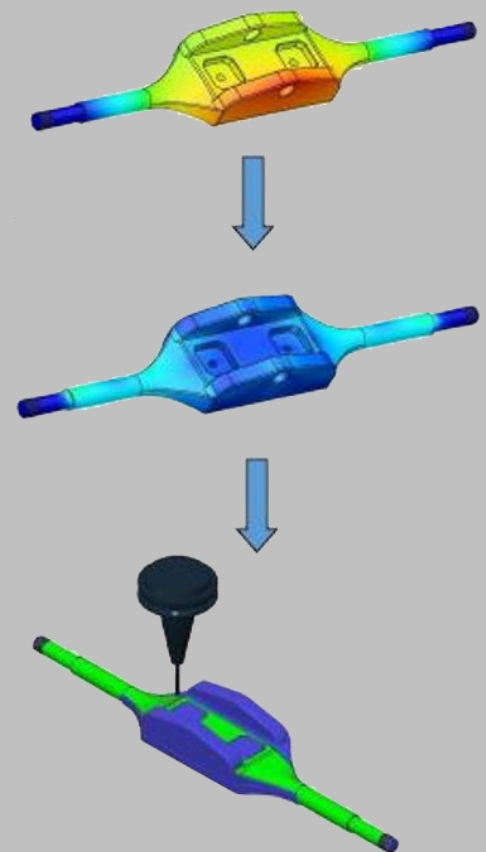
Senior Tutor

CCC University

Tel. 12345938

anne.nortcliffe@canterbury.ac.uk

## CAD & CAM



Components of the board were subjected to FEA analysis. By identifying areas of high stress under a calculated load, the design was refined to remove areas of potential failure.

Using Fusion 360 CAM software, machining process were simulated. This produced the G code necessary to manufacture the components using CNC machinery.

## Auxetic Structure FEA- Study CAD models of iterations

