



## Biography

I am a 24-year-old **Product Design-Engineering** student studying at **Loughborough University UK**. I am a hardworking, determined and creative person, who is forward thinking and practical. I am an aspiring engineer with a focus on manufacturing and electronics. Intuitive and analytical, I can focus on the task at hand. I have good insight and I have been told that I have a good work ethic. I am confident with people; I learn quickly and enjoy new challenges. I am known for thinking outside the box and being very hands on.

## Employment

### **Rottefella AS**

Junior Product Developer | August 2018- August 2019

Working as part of the research and development team during my industrial placement year. My work included refining old cross-country ski products and developing new ones. During my time at Rottefella, I worked on a total of 6 different projects, 2 of which have been released into the market this year. My duties included: creating hand drawn sketching and transforming them into 3D CAD models in Solidworks. Rapidly prototyping these concepts and finishing them to a high functional and aesthetic standard. Testing of prototypes in the field using a methodical critical approach. Engineering mathematics, calculations and simulations to determine the possible capabilities of different products. Testing different elements of products in the lab, using impact and tension testing machines. Working in the workshop machining more durable prototypes (milling, drilling and grinding mostly). Assisting in injection mold design process, preparing models for molding by making changes in a high precision environment. Holding meetings to discuss my projects and coordinating a team effort to achieve the set goals.

### **Deliveroo**

Courier | October 2016 - June 2019

Cycling to deliver food and beverages to different customers. Managing time, navigating unknown roads and dealing with customers / restaurants.

### **Steel Point**

Workshop Assistant | June 2014 - Sep 2015

Creating and building large metal structures in an architectural welding workshop. Operating welding equipment, machining equipment and forklifts. Working with a wide range of tools and finishes to create staircases, handrails and other construction components.

### **Waitrose**

Shop Floor Assistant | October 2012 - September 2015

Working on the shop floor replacing and replenishing stock. Helping customers with different tasks and giving information on products. Operating Checkouts and dealing with money. Store operations, date code checking and appearance. Delicatessen counter and management of a small team.

### **Trilogy Lasercraft**

Workshop Assistant | April 2012

Working on the shop floor programming the engraving and cutting lasers. Creating different logos in the design studio, technical 3D designs and models for clients (for example Sony). Taking calls in customer support, replying to emails and analyzing finance.

## References

References are available on request



## Education

### Product Design Engineering BEng

Loughborough University | Sep 2015 – June 2020

I am currently in the third year of my studies after completing my foundation engineering studies and industrial placement. Achieving a 2:1 (B) in the second year of my studies and expecting a **2:1** in my final year. My course is an **IMechE/IED/IET** accredited BEng course, which provide with the ability to fill a substantial role in a company concerned with the design, engineering, and manufacture of consumer products. On completion of the course, I will have acquired a good understanding of the design, analytical and manufacturing skills, necessary to effectively develop new products.

The course will provide me with an excellent foundation to progress to professional engineering status. The course is broad based and covers a range of both product design and manufacture topics, as well as an element of traditional engineering subjects. Throughout the three academic years of the courses, skills are developed across these 3 main areas. By combining a thorough design education with a sound manufacturing engineering base, I am ideally placed to conceive and develop innovative designs and turn them into manufacturing reality and profitable products.

### A-Levels

Hinchingsbrooke Sixth form | Sep 2012 – June 2014

Achieving an **A+** in Design technology: resistant materials, a **C+** in Biology and a **B** in Human Psychology.

### GCSE's

Hinchingsbrooke School | Sep 2007- June 2012

Achieving **2A's**, **9B's** and **1C**. With a **B** in Mathematics, Biology, Physics, chemistry and English

### Volunteering

- Malawi – 3 Weeks in central Malawi. Helping the communities, building schools and teaching.
- Fundraisers – Raising money for Malawi and other charities.
- Scandinavian society chair 3 years – Organizing social events for Scandinavians at Loughborough university. Peer Mentor – Helping new students at Loughborough university throughout their first year.

### Languages

- English (British) – Native.
- Norwegian – Conversational / Working proficiency.
- German – Elementary proficiency.

### Skills

- CAD modelling – NX.11 / Solidworks / Fusion 360.
- Programming – Python / Arduino / C#.
- Graphics skills – Photoshop / Fireworks / Affinity designer / Figma.
- Electronics repair – Mobile phones and computers – Soldering, brazing and welding.
- Metal work, woodwork and plastic work – Machining, Lathes and milling.
- Media production – After effects / Premiere pro.

## Personal Interests

**Sports:** Member of Huntingdon Stags rugby team (2003-2014) / Athletics- 400m / Downhill and cross-country skiing / Longboarding / Hiking and camping / Climbing and bouldering.

**Hobbies:** RC Drones and planes, I enjoy building and flying / Music / Drama / Consumer electronics repairs and manufacture / Painting and sketching / 3D printing personal projects.

## Memberships

*Institute of Mechanical Engineers (IMechE)* working towards my engineering charterhip.