

JAMES LLOYD

jillloyd98@gmail.com • +44 7961076925

EDUCATION

UNIVERSITY OF CAMBRIDGE

BA and MEng in Manufacturing Engineering and Management

2017 - 21

- Grade: Merit (69%)
- 3rd and 4th Year Modules: Production Technology & Materials, Product Design, Technology & Innovation Management, Operations Management, Industrial Engineering, Organisational Behaviour, Accounting, Strategy & Marketing, Sustainable Manufacturing, Leadership and Managing People.
- Masters Project (2020-21): Developed an agent-based decentralised marketplace for distributed manufacturing that utilised blockchain technologies.
- [The Refugee Printer](#) (2019-20): Designed a printer that makes refugee shelters from locally sourced materials. Awarded the highest grade in the class for our design portfolio, business plan and final presentation.
- Integrated Design Project (2018-19): Successfully led, managed and programmed for a team of seven specialised engineers to develop a robot capable of decommissioning a simulated nuclear environment.

CRANBROOK SCHOOL

2014 - 16

- A Levels: 3 A* in Mathematics, Chemistry, Physics, averaged 96% (highest in school).
- Elected as Head Boy by students, staff and governors after attending the school for only one year.
- Spoke at public events of 600+ attendants including a £750,000 fundraiser for a new 6th Form Centre.

WORK EXPERIENCE

GENCHI (<https://www.genchi.app>) - Co-Founder

2019 - Present

- Founded Genchi as a platform for students to find career-preparing opportunities; 1000+ downloads in one year.
- Lead a team of four: one engineer, one designer, two marketers.
- From no prior experience, independently developed a mobile application using Flutter and Google Firebase.
- Focus on understanding the needs and problems of the userbase to discover, test and implement product features.
- Negotiated sponsorship from the Royal Academy of Engineering and advisory positions from leading Cambridge Academics and Ex-Cambridge startup founders.

ROLAND BERGER (Global Strategy Consulting) - Summer Intern

2020

- Joined two projects, a logistics vendor due diligence and an energy commercial due diligence.
- Developed skillset through primary research, drawing insights from excel analysis and creating professional slides.

CAMBRIDGE CONSULTING NETWORK – Consultant

2020

- Worked remotely in a team of 8 to develop a go-to-market strategy, revenue model, product strategy and identify funders for an NGO's EdTech platform in developing nations (TIDE Foundation – EmpowerEd).
- Awarded MVP by my team and a full-time job by the client due to my contributions and character.

SWITCHEE (Cleantech – 53rd Top UK Startup 2019) - R&D Software Intern

2019

- Independently designed and created an automated regression testing framework for Switchchee's products.
- Reduced product testing time from 4 weeks to a few hours, allowing new product features to be implemented on a faster feedback loop.
- Successfully presented to senior executives highlighting the project's potential to accelerate business growth.

ENDECOTTS (Multinational Laboratory Equipment Manufacturer) - Process Engineer

2016 - 17

- Collected, analysed and updated manufacturing data to improve the company's annual costs of goods information.
- Improved the accuracy of annual COGS calculations by £100,000 and increased production efficiency by 15%.
- Travelled to and from London for 8 months with a 4:30 am start. During this commute, I prepared my university applications and taught myself AS Further Mathematics; achieved 99% to gain admission into Cambridge.

ADDITIONAL ACHIEVEMENTS AND INTERESTS

Founders of the Future (2021) an invite-only community of the most promising entrepreneurs in technology in Europe.
Engineering Leaders Scholar (2020) with the Royal Academy of Engineering. Selected as one of the UK's 35 highest potential future engineering leaders (the only student from my year at Cambridge).

Diamond Jubilee Scholar (2017) with the Institute of Engineering and Technology. Awarded alongside 50 other UK engineering students for academic excellence and commitment to engineering.

Computing Python, C++, Arduino, Git version control, Flutter, Dart, and Google Firebase.

Sports Cambridge University Rugby 2nd XV and Captain of Queens' College Rugby 1st XV.