

JAMES LLOYD

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EDUCATION

UNIVERSITY OF CAMBRIDGE

BA and MEng in Manufacturing Engineering and Management

2017-21

- Grade - 2.1 (69%).
- Completed the Sustainability Essentials for Business course by Cambridge Institute of Sustainability Leadership.
- 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 and 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.

EXPERIENCE

Fella Health (Telehealth - YC W20/S21) - Contractor Assistant to the CEO

2021

- Supported the founders to raise their seed round through outreach to potential investors, maintaining communications through our Investor Relationship Management pipeline and other activities to enable the CEO.

FETCH.AI (AI/ML Blockchain Platform) & FESTO (Manufacturer) - MEng Integrated Project

2020 - 21

- Worked on behalf of the Cambridge Manufacturing Analytics Group to develop an agent-based decentralised marketplace for distributed manufacturing (DM) utilising blockchain technologies.
- Researched current approaches to distributed manufacturing and how blockchain can be applied to sharing capacity and production orders between firms.
- Created a simulation testbed to analyse and develop different architectures for the multi-agent system.
- Presented my project on a webinar hosted by Fetch.ai in addition to the senior team at Festo.

GENCHI (Students' Opportunities Marketplace) - Co-Founder, Product

2019 - 21

- Founded Genchi as a platform for students to find career-preparing opportunities.
- From no prior experience, independently developed a mobile application using Flutter and Google Firebase.
- Focused on understanding needs and problems of the userbase to discover, test and implement product features.

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.

SWITCHEE (CleanTech Startup) - R&D Software Intern

2019

- Independently designed and implemented a new automated regression testing framework for Switcher'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 (Manufacturer) - Process Engineer through EDT's Year In Industry scheme

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%.
- During my 4:30 am commute, I prepared my university applications and taught myself AS Further Mathematics; achieved 99% to gain admission into Cambridge.

ADDITIONAL ACHIEVEMENTS AND INTERESTS

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.

Founders of the Future Fellow invite-only community of promising entrepreneurial tech talent in Europe.

Cambridge Consulting Network MVP developed a product strategy for an NGO's EdTech platform.

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

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