

# Ryan Lee

MENG MECHANICAL ENGINEER · GRADUATE

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*"The important thing is to not stop questioning. Curiosity has its own reason for existing."*

## Skills

**Engineering** Siemens NX, Abaqus  
**Programming** Ruby on Rails, C, HTML, CSS, MatLab, Excel VBA, Git VCS  
**Languages** English, Cantonese, German, French

## Education

### Loughborough University

MENG (HONS) IN MECHANICAL ENGINEERING

- Achieved a Second Class Honours, Upper Division, 2:1

Loughborough, UK

Oct. 2016 - Jul. 2020

### Queen Elizabeth Sixth Form College

GCE ADVANCED LEVEL

- Mathematics (A), Physics (B), Further Mathematics (C), German (C)

Darlington, UK

Sept. 2014 - Jul. 2016

## Experience

### Venator Materials Plc

STUDENT PLACEMENT

- Completed project to update and populate on-site pipeline register, crosschecking P&IDs with isometric drawings.
- Experience with safety inspections of critical equipment following COSHH assessment procedures.

Greatham, UK

Jun. 2019 - Sept. 2019

### Lear Corp.

QUALITY ASSISTANT

- Data analysis of seat defects to improve accuracy and efficiency of defect recording to improve Lear Production System.
- Employed Excel VBA code to cut down on work time for employee, and developed vendor rating system scorecard.
- Introduced to PFMEA and PPAP and gained an understanding of plant process and Just-in-time distribution to Nissan.

Sunderland, UK

Jul. 2017 - Sept. 2017

### MTE Ltd.

SUMMER INTERNSHIP

- Introduced to a specialised engineering industry and large-scale projects.

Darlington

June. 2015 - Jul. 2015

### Tommy Lee's

WORKPLACE COACH & TEAM MEMBER

- Responsible for customer service, ensuring a smooth and efficient point of sale system, and managing food preparation and quality control.
- Training new recruits as workplace coach to follow Safe System of Work (SSOW) and follow Standard Operation Procedures (SOP).

Stockton-on-Tees

Jan. 2013 - Dec. 2015

## Projects

- 2020 **Programming**, Enrolled in Harvard's CS50 course to learn introductory computer science
- 2020 **Programming**, Currently enrolled in University of Michigan's Python For Everybody course
- 2020 **Full Stack**, Currently enrolled in The Odin Project to learn Ruby on Rails
- 2019 **Group**, Mira Showers Non Drip Showerhead
- 2018 **Individual**, Computer Modelling Of Mechanical Response Of Infarcted Heart
- 2016 **Group**, DENSO Material Identification Group Project

## Program Committees

- 2018 **Programme Representative**, Part C Student Staff Liason Committee
- 2017 **Amourer**, Loughborough University Fencing Club