

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, HTML, CSS, MatLab, Excel VBA
Languages English, Cantonese, German

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 **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