

Lim Joel-Yi

No 9, Jalan 9, Taman Putri Jaya,
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PERSONAL SUMMARY

A highly efficient, hardworking, and versatile mechanical engineer with understanding of mechanical engineering design processes and skill knowledge of web development.

EDUCATION

Nov. 2020 – Feb. 2021

Full-Stack Web Development - Quantum Degree

NEXT Academy

Languages / Framework / Libraries covered:

HTML, CSS, JavaScript, Bootstrap, ReactJS, Python, SQL & Flask

Additional during project: React Native & Expo

Sept. 2014 – June. 2018

MEng (Hons) Mechanical Engineering

Classification: Second Class (Upper)

The University of Nottingham, Malaysia Campus.

Graduated at *Feb. 2019*.

Modules: Computer Programming with MATLAB, Design and Manufacture, Introduction to Material & Material Forming, Material in Design, Stress Analysis Technique, Lean Manufacturing, Computer Modelling Techniques etc.

EXPERIENCE

Project Engineer – Platform Screen Door & Automatic Platform Gate for KVMRT2 Sungai Buloh Serdang Putrajaya (SSP) project.

Global Rail Sdn Bhd

May. 2019 – Aug. 2020

Project / ITC Engineer – Involving in Documentations, Testing (Production), Install, Testing & Commission (ITC). Determines project specifications by studying product design, customer requirements, performance standards and completes technical studies. Maintains project schedule by monitoring project progress, coordinating activities, and resolving problems.

United States of America Summer Work and Travel

Peppermill Resort Spa Casino

June. – Sept. 2017 & 2018

Room Attendant – Preparing fresh and clean hotel rooms.

Assistant Master Chef – Aid the Master Chef by preparing ingredients and dishes for customers.

Internship

Formosa Shyen Horng Metal Sdn. Bhd.

June. 2016 – Sept. 2016

Intern – Assigned into Dross Department to support Casting Department throughout the manufacture of aluminium billets and given a task of Aluminium Dross Recovery.

PROJECT & EVENT

MEng Individual Project Research

2017/18 – Finite Element approach to estimate Pressure Distribution & Member Stiffness in Bolted Joint Connection.

Group Design and Make

2016/17 – Semi - automated vegetable harvester.

Design and Manufacture II

2015/16 – Variable Pitch Propeller design.

Design and Manufacture I

2014/15 – Air motor design.

KEY SKILLS AND COMPETENCIES

- High level of competence using Microsoft Office, CES, Creo 4.0 Parametric, ANSYS & Simulation software. Self-learning on AutoCAD & Solidworks software.
- Basic knowledge of using MatLab & C-Programming software.
- Able to work as part of a team or individually.
- Able to prioritise and plan effectively.
- Flexible and willing to travel.
- Willing to ask and learn.
- Able to communicate effectively both verbally and in writing (English, Malay & Mandarin).

CO-CURRICULAR AND VOLUNTRAY ACTIVITIES

2018

- Institut Jantung Negara Ride 4 Your Heart 2018.

2017

- Hari Sukan Negara 2016 – Cycling Event.

2014

- Participant of Nottingham 3 on 3 Basketball Tournament.

2011 & 2012

- Participant of Revive High School Basketball League.
- Participant of Majlis Sukan Sekolah Daerah (MSSD) Basketball Category.

PROFESIONAL AFFILIATION

- Affiliate member of Institution of Mechanical Engineering (*IMechE*), *Reg. No: 80246817*
- Graduate Engineer of Board of Engineers Malaysia (*BEM*), *Reg. No: G1182149A*

PERSONAL DETAILS

Date of birth: 7th February 1995
Driving license: Yes
Nationality: Malaysian
Hobbies: Basketball and Cycling.

REFEREE

Ali Akhavan Farid

Personal Tutor

Email address: Ali.Farid@nottingham.edu.my