



Jinq Jia, Lim

(Isaac Lim)

Chemical Engineer

isaacjimjj@gmail.com

(+60)12 701 2217

<https://isaacjim.netlify.app/>

www.linkedin.com/in/isaacjimjj

<https://github.com/IsaacLim>

Shah Alam, Malaysia

21 December, 1995

I'm a tech-savvy engineer who seeks to apply my creativity and critical thinking skills in the software development field. I've explored various computer science fields, including web development, virtualization, network and system administration, basic game development, and Unix. Currently as a student in École 42 (Malaysia branch: 42KL), I'm building my foundation through C Unix programming. Simultaneously, I've completed several unofficial freelance jobs on front-end web development.

Computer Languages and Technologies Exposure

C Programming

C++

Unix

JavaScript

TypeScript

HTML

CSS

React

Vue

Gatsby

Figma

WordPress

Phyton

Virtual Machine

Work Experience

Process Engineer

Kossan Latex Industries (M) SDN. BHD.

08/2019 - 11/2020

Klang, Malaysia

Achievements / Tasks

- Developed various solutions that provided natural gas savings up to 10%.
- Identified and designed strategies for the reduction of energy losses in utility systems, such as compressed air, chiller, and thermal oil system, using root cause analysis.
- Provided training on compressed air system (basics) for technicians, engineers, and managers.
- Coordinated projects with multiple departments by communicating closely with all technicians, engineers and managers involved.
- Generated and presented engineering documents to upper management for key decision making.

Engineering Sales Consultant

Keyence (Malaysia) SDN. BHD.

03/2019 - 07/2019

Petaling Jaya, Malaysia

Achievements / Tasks

- Generated quality leads for high ticket closing weekly.
- Maximized opportunities for securing potential prospects through 100 outgoing phone calls daily.
- Provided product demonstration and technical consultation with key decision makers in the market to manage and develop trusting relationships.
- Processed new information and formulated solutions spontaneously for clients.

Education



Bachelor of Science, Chemical Engineering

Minor: Mathematics Emphasis: Life Sciences

Western Michigan University

01/2015 – 04/2018

Overall GPA: 3.28

Michigan, United States

Senior Design Project

- Computer Simulation Modelling for the Determination of Hansen Solubility Parameters for Bioactive Solutes in Chosen Green Solvent(s)

Advance Courses

- Computer Modeling & Simulation in Chemical Process; Plant Economics & Project Design; Brain Function, Health & Diseases; Microbiology & Infectious Diseases



Pre-Engineering

Sunway University

01/2013 – 12/2014

Subang Jaya, Malaysia

Accolades

Deither H. Haenicke Scholarship (01/2015 – 04/2018)

Certificates

Python Course Completion (11/2020)

Obtained 5 certificates from Coursera

Safety and Chemical Engineering Education (SChE) (09/2015 – 01/2018)

Obtained 7 certificates from SChE certificate program

Professional Memberships

Board of Engineers Malaysia
(08/2019 - Present)

American Institute of Chemical Engineering
(09/2015 - Present)

Languages

English	●	●	●	●	●
Mandarin	●	●	●	○	○
Malay	●	●	○	○	○