# Jinq Jia, Lim

( Isaac Lim )

Chemical Engineer

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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 industry. 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 as a front-end web developer.

## 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                          Overall GPA: 3.28

Western Michigan University

*01/2015 – 04/2018*                                                    *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

Phyton Course Completion (11/2020)
*Obtained 5 certificates from Coursera*

Safety and Chemical Engineering Education (SAChE) (09/2015 – 01/2018)
*Obtained 7 certificates from SAChE certificate program*

## Professional Memberships

Board of Engineers Malaysia
(08/2019 - Present)

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

## Languages

English   ● ● ● ● ●

Mandarin  ● ● ● ○ ○

Malay     ● ● ○ ○ ○