



Jinq Jia, Lim

(Isaac Lim)

Chemical Engineer

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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

Unix

HTML

CSS

JavaScript

React

Vue

Gatsby

Bootstrap

Figma

WordPress

Plasmic

Phyton

Virtual Machine

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

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 all employees, including technicians 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.

Cashier Operator

John T. Bernhard Café

06/2017 – 12/2017

Western Michigan University, United States

Tasks

- Ensured smooth operation of the café by serving customers, restocking food items, and maintaining cleanliness of the dining center.
- Handled cash, debit, and credit transactions, as well as balancing the cash register.

Haenicke International Student Orientation Leader

International Admission and Services

09/2016 & 09/2017

Western Michigan University, United States

Tasks

- Communication liaison for international students with multilingual background.
- Strengthened leadership skills by individually managing groups of 30 students.
- Organized and handled various events and social activities to welcome the new students.

Loft Crew

Faunce Student Services

04/2017 – 06/2017

Western Michigan University, United States

Tasks

- Worked with a team to reorganize university dormitories for the upcoming semester.
- Reconstruct / dismantle loft beds, replaced furniture, and other tasks to provide a comfortable living space for new students.

Work Experience

Clinical Assistant

DMChiropractic

05/2015 – 07/2015

Subang Jaya, Malaysia

Tasks

- Coordinated the clinical intake flow with minimal supervision.
- Multitasked to provide overall services and ensured employer and customer satisfaction.
- Regulated high-volume of walk-in traffic and phone calls.
- Complied daily transactions and critical information using database proficiency.

Assistant Taekwondo Instructor

Sunway Lagoon Club Taekwondo

01/2014 – 12/2014

Subang Jaya, Malaysia

Tasks

- Coached groups of over 30 high school students and oversaw class sizes of up to 100 high school students.
- Classes taught included Taekwondo patterns and self-defense techniques.

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 (SACChE) (09/2015 – 01/2018)

Obtained 7 certificates from SACChE certificate program

Professional Memberships

Board of Engineers Malaysia
(08/2019 - Present)

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

Languages

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