



## CONTACT

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<https://chin0813.github.io/>

## HOBBIES

Music  
Table Tennis  
Chess

# CHIN YI XIANG

Data Scientist/ Backend Developer

## EDUCATION

### Kolej Matrikulasi Perak

2010 - 2012

Subjects Taken: Biology, Physics, Chemistry, Mathematics

Graduate CGPA: 4.0

### University of Malaya

2012 - 2018

Course Title: BACHELOR OF SCIENCE (PHYSICS)

Graduate CGPA: 3.08

### University Science Malaysia

2019 - 2021

Course Title: MASTER OF SCIENCE (DATA SCIENCE AND ANALYTICS)

Projects Done:

- NLP Analysis on Suicidal Posts from Kaggle using topic modelling, emotional analysis, and Part of Speech Analysis
- Analysis of Blood Donation Campaign posts in Malaysia using topic modelling, frequency analysis, and other NLP techniques using webscrap data from Facebook and Twitter public groups.

Graduate CGPA: 3.73

## WORK EXPERIENCE

### Intel Malaysia Sdn. Bhd. [AI Software Development Engineer]

August 2022 - Now

- Ensuring smooth deliveries of AI functions and frontend/backend functions to support AI functions
- Enabling internal developers and external functional developers to develop AI functions to be integrated into platform
- Drive integrations of functions and internal IP into platform
- Plan functional development focusing in solving usecases and customer needs

Tools used: Python, FastAPI, ReactJS, Pyspark, NLTK

### SmartB Solutions Sdn. Bhd. [Backend Developer]

June 2021 - August 2022

Develop custom Modules to Fulfill Customer Requirement, API Integration with 3<sup>rd</sup> Party Platforms, Provide Technical Support for Team.

Achievements:

- Integration of Shopee OpenAPI with in house ERP Inventory and Accounting Module.
- Set up test environment and version control.

Tools used: Python, NodeJS, ReactJS, React Native, Expo

### SmartB Solutions Sdn. Bhd. [Technical Executive]

April 2018 - August 2019

System Configuration, Hardware Integration, UI Configuration, Database Design, Data Cleaning and Uploading, Technical Support

Achievements:

- Assist in setting up of manufacturing job tracker module and in charge of job scheduling modules
- Lead interns in building new projects. Example: Retail POS, Mobile App Scanning, Factory Scanning Data Capture

Tools used: Basic Javascript, Basic Python, Microsoft Excel and VBA

**Olympic Edu Sdn. Bhd. [Tutor]**

June 2017– February 2018

Guide primary school students on Olympiad Mathematics syllabus.

Involved in setting questions for:

1. 2017 International Olympiad Mathematics Contest Year 8
2. 2017 International Olympiad Science Contest Lower Secondary
3. 2018 National Olympiad Mathematics Contest Year 8
4. 2018 National Olympiad Science Contest Lower Secondary

**SKILLS**

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70%	Machine Learning
70%	Natural Language Processing
80%	Python
80%	Javascript
70%	Mathematics and Problem Solving