



# PUAH YI KAI

Gender	Male
Age	21
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Portfolio	<a href="https://portfolio-nine-ashen-29.vercel.app/">https://portfolio-nine-ashen-29.vercel.app/</a>
Internship Period	April 2024 – August 2024

I always wanted to chase and perform a higher quality, no matter in-group or individual. With my friends group, I am willing to share and listen, which enhance all of us in term of technical skills. During free time, I am eager to expand my technical skill through self-learning. I am highly motivated to expand my skillset in technology field. I am eager to gain more experience and knowledge related to my program.

## Achievement

2023	<ul style="list-style-type: none"><li>• Tune Protect Hackathon – On-Going</li><li>• SAS Curiosity Cup 2024 – Participated</li><li>• WPH Hackathon 2024 - Champion</li></ul>
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## Skills

Technical Skill	<ul style="list-style-type: none"><li>• Data Modelling, Data Preprocessing, Data Analysis, Data Visualization, Data Interpretation, Data Warehouse</li><li>• Python Programming (Numpy, Pandas)</li><li>• Java Programming</li><li>• Microsoft Office</li><li>• Wix.com</li><li>• R Programming</li><li>• C/C++ Programming</li><li>• PowerBI</li><li>• D3.js</li><li>• MSSQL</li></ul>
Soft Skill	<ul style="list-style-type: none"><li>• Time Management</li><li>• Leadership</li><li>• Communication Skill</li></ul>

## Project

2023	<div><b>Geospatial Data Prediction Model in West Malaysia</b><ul style="list-style-type: none"><li>• Dataset creation from various sources through ETL</li><li>• Used QGIS to perform geospatial data transformation</li><li>• Used Python, R, SAS Enterprise Miner to perform data analysis process</li></ul><p>Key Term: #R Programming, #Python Programming, #QGIS, #SAS Enterprise Miner, #Geospatial Data, #ETL</p></div> <div><b>Sales Performance Dashboard and Data Warehouse</b><ul style="list-style-type: none"><li>• Performed integration between MSSQL Data Warehouse, Visual Studio and PowerBI to evaluate sales performance</li><li>• Integrate Business Intelligence system to understand the trend and sales factor.</li><li>• Create a sales performance using Power BI</li></ul><p>Key Term: #PowerBI #Decision Making #MSSQL #Data Warehouse #Visual Studio</p></div> <div><b>House Rent Prediction Model in India</b><ul style="list-style-type: none"><li>• Performed data analysis and modelling by using R programming.</li></ul></div>
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- Used various packages in R (dplyr, ggplot2, plotly) to perform data pre-processing, visualization and modelling
- Explored and analysed a set of data and reconstruct it into meaningful representations for decision making.

Key Term: #R Programming, #Data Visualization, #Data Pre-processing, #Decision Making

2022

### E-Book Store Database Creation

- Performed normalization to normalize the unstructured data (0NF, 1NF, 2NF, 3NF)
- Designed Entity Relationship Diagram (ERD) for database schema
- Created SQL Data Defined Language and SQL Data Manipulation Language for specific data retrieval.

Key Term: #MSSQL, #SQL-DDL, #SQL-DML, #Normalization, #ERD

## Competition

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2023-12 – Present

### SAS Curiosity Cup 2024

2023-12 – Present

### Hilti IT Competition 2024

- Brainstorming in innovative technology that helps new employee on boarding

2023-07-06 – 2023-07-08  
(3 days)

### HACKATHON PARTICIPANT

Tune Protect, Customer Loyalty Program Hackathon

- Created a loyalty program for insurance company, Tune Protect
- Experience create throw-away prototype with FlutterFlow
- Gain basic knowledge of Google Cloud Skill Boost and Google API

## Work Experience

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2023-04 – 2023-05  
(2 month)

### IT Technician Intern

The Inside Scoop Sdn Bhd, HQ

- Provided technical and internet support for outlet
- In charge of troubleshooting POS (Point of Sales) System and hardware
- Familiarized with data visualization tools as Google Looker Studio
- Generated Google Form to sync data with Looker Studio automatically
- Handle data migration for POS upgradation

2022-03 – 2022-05  
(3 month)

### RESTAURANT WAITER

Mama Kim Wellness Kitchen, Klang

- Explained menu items and suggested appropriate options for food allergy concern
- Cultivated warm relationship with regular customer
- Bussed and reset tables to keep dining room and work areas clean
- Answered customers' questions, recommended items, and recorded order information
- In charge for cashier counter including closing for the day
- Handle beverage counter, in charge for all beverage preparation and serving.

## Education

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2022 - Current

### ASIA PACIFIC UNIVERSITY

BSc (Hons) in Computer Science with a Specialism on Data Analytics (in progress)

GPA:

Year 1 Semester 1 = 3.4

Year 1 Semester 2 = 3.74

Year 2 Semester 1 = 3.95

Year 2 Modules	GPA
Probability and Statistical Modelling	4.0
Object Oriented Development with Java	4.0
System Development Methods	4.0
Data Management	4.0
Computer Theory	3.7
Programming for Data Analysis	4.0
Year 1 Modules	GPA
Introduction to Networking	3.7
Operating System and Computer Architecture	3.0
Programming with Python	3.0
Digital Thinking and Innovation	4.0
Mathematical Concept for Computing	4.0
Introduction to Artificial Intelligence	3.3
Introduction to C Programming	3.7
System Analysis and Design	3.7
Introduction to Databases	4.0

2016 - 2021

### HIN HUA HIGH SCHOOL

UEC (Result: 6A 2B)

## Languages

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*Proficiency level: 0 - Poor, 10 - Excellent*

Language	Spoken	Written
English (Primary)	9	8
Mandarin	9	9
Bahasa Malaysia	8	7

## References

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