



## LOH YEW CHONG

### Applying for an internship

I am a third-year 2u2i data engineering student from Universiti Teknologi Malaysia. I am interested and would like to apply for the internship in support team as a data engineer intern.

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**My Portfolio:** [eportfolio.utm.my/user/loh-yew-chong](https://eportfolio.utm.my/user/loh-yew-chong) ([link](#))

**Internship available period:** October 2022 ~ July 2023

## Education

### Universiti Teknologi Malaysia (UTM), Skudai

Bachelor of Computer Science (Data Engineering)

3.80/4.00

## Internship Experience

### Flutter Mobile App Developer

EDESS Sdn Bhd

April 2020 - Jan 2022

- Worked with 3 Developers and 4 Unity Game Developer to develop a Learning Management Mobile App
- Responsible for developing PHP REST API with MYSQL to connect the app with the MYSQL database
- Responsible for developing Flutter app front-end and Flutter app back-end with Provider package
- Assisting in the integration of Unity game with the Flutter app
- **Referee:** Dr. Iqbal +60 132224260 (Group Leader)

### Backend Web Developer

Kolej Vokasional Perdagangan Johor Bahru

Dec 2020 - Jan 2021

- Worked with 3 Developers to develop Asset Inventory System using HTML, CSS, JS, PHP, MySQL, Bootstrap
- Responsible for developing Asset Module (CRUD) and Print Report Module (CRUD)
- More focus on developing back-end using PHP and MYSQL compared to front-end

## Awards & Achievements

Intervarsity	<b>Top 20 Finalist</b> in IET Hack//Planet 2021	2021
Intervarsity	<b>Finalist</b> in KPS Sustainability Challenge 2021	2021
Intervarsity	<b>Finalist</b> in UTM XCITE Innovation Hackathon 2021	2021

## Extracurricular Experiences

### Head of Development

Developer Student Club (DSC) UTM

July 2020 - July 2021

- Monitors the progress of 3 technical departments (Android, Web, Google Cloud Platform)
- Plans for department members' activities and future club activities plans
- Plans to improve departments performance

### Google Cloud Platform Department Member

Developer Student Club (DSC) UTM

Dec 2019 - July 2020

- Responsible for facilitating, emceeing and teaching whenever there are workshops held by the club
- Shares knowledge gained with department members

## Projects

### Customer Profiling using Cluster Analysis ([link](#))

- The purpose of the project is to form 3 customer profiles based on income, total\_spent, age etc
- Responsible for data cleaning, data grouping, and data aggregation using python Pandas
- Responsible for data visualization using python Matplotlib

### Ibilibik.my Web Scraping for Room Rental Analysis

- The objective is to scrape data using python Scrapy for room analysis
- Responsible for scraping data from the website, creating a MongoDB database in Scrapy project and store the data in the MongoDB database.

### Prediction and Study of factors causing Heart Attacks Analysis ([link](#))

- Inferential Analysis using R by implementing data visualization

## Skills

### Relevant Languages

Python(Numpy, Pandas, Matplotlib), R, SQL

### Data Engineering Tools

Alteryx, Rapidminer, Talend, Tableau

### Database Management

MySQL(PHPMyAdmin), Microsoft SQL Server

### Web & Mobile Development

HTML, CSS, JavaScript, PHP, Flutter

### Other Programming Languages

C++, Java