

# YEOH SIN YEE

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A dedicated and results-driven student with a strong passion for data analysis and database management, eager to gain practical and hands-on experience. I am committed to enhancing my skills and pursuing both personal and professional growth. Focused on continuous learning and development, I thrive on taking on new challenges and collaborating with others to achieve shared goals. I am actively seeking an internship from **18th November 2024 and 28th February 2025**, where my academic knowledge can be applied in a real-world setting.

## EDUCATION

### MONASH UNIVERSITY MALAYSIA

Bachelor of Computer Science in Data Science

Relevant Coursework: Data Analysis; Visualization; Artificial Intelligence

Selangor, Malaysia

Feb 2023 - Present

### UNIVERSITY OF WOLLONGONG MALAYSIA

Bachelor of Computer Science (HONS)

Relevant Coursework: Software Engineering; Operating Systems; Algorithms

Selangor, Malaysia

Sep 2021 – Sep 2022

## WORK EXPERIENCE

### SUMMER DESSERT BAKERY

Full Time Cahier

Pulau Pinang, Malaysia

Oct 2022 – Dec 2022

- Prepared cakes and desserts for packaging and labelling
- Restocked items and maintained inventory of bakery boxes
- Assisted customers with their orders and payment procedures

## UNIVERSITY PROJECTS

### REFUGEE IN MALAYSIA DATA VISUALIZATION POSTER (R, Vega lite, HTML, CSS)

Oct 2024

- Performed data cleaning, wrangling, and merging from multiple sources to ensure reliable datasets for accurate analysis and effective visualization
- Created an interactive poster using Vega lite, HTML and CSS, then published it on GitHub Pages to share insights with a wider audience

### INFANT MORTALITY DATA VISUALIZATION PROJECT (R, Tableau)

Sep 2024

- Transformed and aggregated raw data from four sources to ensure accurate analysis; built a Tableau dashboard to visualize the annual infant mortality rate in Malaysia from 2000 to 2022
- Provided valuable information on infant mortality trends in Malaysia through an interactive Tableau dashboard

### BIG DATA REAL-TIME PROCESSING PROJECT (Python, MongoDB)

June 2024

- Migrated large-scale fire prediction data into MongoDB, optimizing data models; developed a real-time streaming application using Apache Kafka and Spark Structured Streaming to process climate and fire event data
- Utilized Folium to create interactive maps visualizing fire hotspots with key metrics (temperature, humidity, confidence levels); processed and analyzed streaming data in Jupyter Notebook to enhanced fire hazard insights in Victoria, Australia

### EVENT MANAGEMENT APPLICATION (Java)

May 2024

- Designed and implemented an Android mobile application using Java and XML in Android Studio, integrating Google Map for enhanced functionality
- Enabled client in the event industry to efficiently manage multiple events and improved event management efficiency

## ADDITIONAL

**Technical Skills:** Proficient in Microsoft Office, SQL, R, Java, Tableau, and Canva; Good understanding of Python, PowerBI, HTML, CSS, Vega lite and MongoDB; Basic knowledge of C++, Spark Streaming, and Apache Kafka.

**Soft Skills:** Active listening, effective communication, teamwork, detail oriented, patience, analytical thinking, problem solving, and willingness to learn

**Languages:** Fluent in Mandarin, English; Limited Working Proficiency in Malay