

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

Major 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
- Prepared and served drinks
- Maintained a clean, organized, and comfortable environment

UNIVERSITY PROJECTS

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
- Enabled users to gain actionable insights through an interactive Tableau dashboard, providing valuable information and supporting data-driven discussions on infant mortality trends

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 by 20%

ADDITIONAL

Technical Skills: Proficient in Microsoft Office, SQL, R Programming, Java, Tableau, and Canva; Good understanding of Python, PowerBI, HTML/CSS, 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