

JUSTIN TAN JING YI

Data Analyst

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CAREER SUMMARY:

Data Science & Full-Stack Developer with 2+ years of experience building AI-driven applications and full-stack web projects. Skilled in Python, JavaScript, and Java with hands-on expertise in machine learning, data analysis, data engineering, and web development.

WORK EXPERIENCE:

Boostorder Malaysia

Data Analyst Intern | November, 2025 - February 2026

- Handling and maintaining Looker dashboards, optimising performance and minimise query time.
- Performing User Acceptance Testing (UAT) to ensure data integrity and tally.
- Developed custom UAT applications that reduced testing time from **8 hours to 40 minutes**.
- Built automated data generation scripts using Python and LLMs, replacing time-consuming manual data entry with logical, structured, and beautifully visualised synthetic data.
- Handling support tickets and customer requests with data-driven insights.

EDUCATION:

07/2023 - 07/ 2026 | Monash University Malaysia

Bachelor of Computer Science - Data Science | 3.86 / 4.0 CGPA

CERTIFICATIONS

- 1st Place - Monash FIT1043 Kaggle Competition (Highest music genre prediction accuracy among 179 participants)
- 1st Place - Monash CodeStart Malaysia 2023 (Highest score obtained in problem-solving)
- 3rd Place - Monash PacMan Competition (Highest overall score in search optimisation task)

PERSONAL PROJECTS:

Trendwork Dashboard

Python, Google Cloud Platform (Bigquery, Cloud Run Functions) | January 2026 - Current

- Utilised GCP to implement a data engineering pipeline that scrapes Jobstreet job posts and produces business insights (skills trend, hot locations) in dashboard form.

ProstAPP (Prostate Cancer Risk Assessment App)

React.JS, Supabase, Groq, MongoDB | June 2025 - Current

- Developed a comprehensive prostate cancer assessment platform based on real-world data from Malaysian hospitals. Features include an admin portal, a custom-built machine learning model for accurate risk assessment with explainable predictions.

Monash Student FAQ Chatbot

Streamlit, RAG, Playwright, Gemini | June 2025 - July 2025

- Produced a scraper that scrapes Monash Student Admin websites (up to 200 pages), and curated a custom chatbot that answers student's question instantly (improved user query time from average of 40 minutes to 5 minutes).