

# Daniel Tan

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## EDUCATION

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### Universiti Tunku Abdul Rahman

Bachelor of Computer Science

Perak, Malaysia

Jan 2019 - Jan 2022

Cumulative GPA: 3.83/4.0; First Class Honours Graduate and 9-time Academic Honours Recipient.

Relevant Coursework: Data Science, Database Systems, Distributed Computer Systems, Critical Thinking & Problem Solving.

## WORK EXPERIENCE

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### AEON DIGITAL BANK (Malaysia's First Islamic Digital Bank)

Selangor

Data Analyst, Senior Executive

Jan 2023 – Present

- Built multiple dashboards for operational efficiency, transactions reconciliation, and bank risk metrics monitoring by independently communicating and gathering requirements with stakeholders and managers cross-department. Technologies: Tableau, Superset, dbt
- Regulatory Reporting (RR): Performed Data Mapping for over 500+ data fields for Bank Negara Malaysia reporting. Coordinated communication between internal & external stakeholders during the initial phases, internally and externally for RR workshops, RR integrations, Information Risk Assessment, and SIT & UAT.
- Developed a data pipeline end-to-end including data ingestion, data transformation, and data modelling. Technologies: Airflow, dbt, Docker, Python, AWS
- Product Owner of the Bank's Enterprise Resource Planning (ERP) system. Performed all Project Management & Administrative tasks to ensure smoothness of project development including communicating with the Finance team, Data Engineers, System Integrators and Vendors. Completed Disaster Recovery Planning, Information Risk Assessment, System Criticality Assessment, Go-Live planning, and documentation to relevant stakeholders.
- Researched, presented and implemented end-to-end the Data Quality Framework prototype for the Bank, ensuring accuracy, completeness, consistency, freshness and correctness of data. ( Airflow, dbt, Docker, Github Actions, Great Expectations )

### DOCTORONCALL (Malaysia's leading Digital Health platform)

Selangor

Data Analyst

Feb 2022 – Dec 2022

- Led and Managed the Data team, guided and upskilled 8 other analysts in both technical and soft skills. Interviewed 6+ candidates for the Data team.
- Directly communicated with stakeholders from all departments to understand and translate business requirements into actionable items, streamlining the requirements gathering process of the team.
- Built dashboards to visualise core business KPIs, saving 43+ hours per week of manual reporting work. Wrote in-depth statistical and descriptive analyses & write-ups to analyse performance of campaigns and features, discovering insights and driving business decisions.
- Created web scrapers to analyse 10+ competitors' pricing, increasing inhouse SKU count by 50%, making prices more competitive and assisting in pricing negotiations. (Replaced and automated 4 analysts' work, saved 300+ hours/week).
- Technologies: GCP, BigQuery, Holistics.io, Looker Studio, Pandas, Airflow, Excel, Google Sheets, Google Analytics, Selenium

### SETEL VENTURES SDN. BHD. (Mobile App for seamless refuelling and retail-on-the-go experience)

Selangor

Data Analyst Intern

Oct 2021 – Jan 2022

- Analysed transactional data systems and wrote detailed campaign data analysis - uncovering insights & spearheading business decisions for the Marketing team.
- Built a dynamic data tool using Python, SQL, Altair and Hex to help end users quickly obtain data tables and visualisations of the number of customers for each bin size.

## UNIVERSITY PROJECTS

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### Report-Thing - Public Facilities Fault Reporting & Maintenance System | [Link](#)

Sept 2021

- Awarded First Place in the Jabil-FICT FYP Competition.
- Built a Mobile App using Flutter, Google Places, Geocoding, Google ML Kit and Firebase.

## ADDITIONAL

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**Languages:** Fluent in English and Malay; Conversational Proficiency in Mandarin.

**Certifications & Training:** AWS Certified Cloud Practitioner, SQL for Data Analysis, Python Data Science & Visualisation

**Awards:** FWD Insurtech Hackathon 2022 Finalist, MSC Malaysia APICTA Awards Finalist 2021, The Belt And Road Communication Award - The Tenth China Students Service Outsourcing Innovation and Entrepreneurship Competition 2020 ([Link](#)), ASEAN Data Science Explorers 2020 Participant.

## REFERENCES

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**Mr Lee Zhen Yong** (Ex-Head of Analytics, DoctorOnCall) - bruceoutdoors@gmail.com +6016 318 8854

**Mr Benjamin Choong** (Data Manager, Setel Ventures) - benjamin.choongkh@gmail.com +6012 220 7918