

# 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; 9-time Academic Honours Recipient and First Class Honours Graduate.

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

Foundation in Science (Physics)

Jan 2018 - Dec 2018

Cumulative GPA: 3.92/4.0; 3-time Academic Honours Recipient.

## WORK EXPERIENCE

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

Selangor

Data Analyst

Feb 2022 – Present

- Led and Managed the Data team, guided and upskilled 8 other analysts in both technical and soft skills.
- 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 30 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: BigQuery, Holistics.io, Data Studio, Pandas, Airflow, Stitch, Vertex.ai, Excel, Google Sheets, Google Analytics, Selenium, Puppeteer.

### 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.
- Helps the public to intuitively report a public facility fault and for the authorities to responsively monitor and handle them.

### Boston House Price Prediction App | [Link](#)

Sept 2020

- An interactive app to predict a house price in Boston given a set of features.
- Built using Streamlit, Pandas, Matplotlib, Scikit-learn.

## ADDITIONAL

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

**Certifications & Training:** SQL for Data Analysis, Python Data Science & Visualisation, AWS Certified Cloud Practitioner, Responsive Web Design, Javascript Algorithms and Data Structures.

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

## REFERENCES

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

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