



# Tan De Zhian

## Education & Experience

### **Data Analyst Intern, Setel Ventures Sdn. Bhd.**

October 2021 – January 2022

Responsibilities: Analysis of Transaction Data Systems, Campaign Data Analysis, Develop & Execute projects, Create Data Tools

### **Computer Science, Universiti Tunku Abdul Rahman, Perak**

January 2019 – January 2022

Current CGPA: 3.8313

Honors: 4 President's List Awards and 4 Dean's List Awards

### **Foundation in Science, Universiti Tunku Abdul Rahman, Perak**

January 2018 – December 2018

CGPA: 3.9196

Honors: 2 President's List Awards and 1 Dean's List Award

### **SMK Methodist (ACS) Ipoh, Perak**

January 2013 – December 2017

SPM: 4A+ 5A

## Technical Projects

### **Interactive Bin Size Report**

December 2021

- Built a dynamic data tool to help end users quickly obtain a table and visualisations of the number of customers for each bin size.
- Implemented Python, SQL, Altair and built in Hex.

### **Public Facilities Fault Reporting & Maintenance System**

Sept 2021

- Built a Mobile Application 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.
- Won First Place in the Jabil-FICT FYP Competition.

## Details

+6014-6297280

danieltan218@gmail.com

Puchong, Selangor

Full-Time

## Links

Website

LinkedIn

GitHub

Facebook

CodePen

## Technical Skills

Proficient with:

### **Responsive Web Design:**

HTML5, CSS3, JavaScript

### **Front End Development:**

React / Redux

### **Data Analysis, Data Science & Visualisation:**

SQL, Python, R

### **Mobile App Development:**

Flutter, Dart, Firebase

### **Others:**

Java, Holistics.io, Hex, Gsheet

### **Familiar with:**

C, C++, SAP Analytics Cloud  
Node.js, PostgreSQL, Django,  
MongoDB, MySQL, Oracle

## Portfolio Website | [danieltan.dev](http://danieltan.dev)

May 2021

- Built a personal Responsive Portfolio Website project
- Implemented HTML, CSS, JavaScript, Swiper.js and ScrollReveal.js with Light/Dark Mode toggle

## Wine Quality Analysis & Visualisation

March 2021

- Analysed thoroughly a wine dataset to identify factors that determine wine quality.
- Learnt and Implemented R and RStudio to effectively perform analysis, visualization and presentation for common audiences.

## Diabetes Identification using Machine Learning and Artificial Intelligence

Sept 2020

- Built Python code in Jupyter Notebook to explore, analyse and visualize a diabetes mellitus dataset
- Implemented and compared 4 different classification algorithms

## Awards & Achievements

### MSC Malaysia APICTA Awards Finals Shortlist 2021

October 2021

### AWS Certified Cloud Practitioner

May 2021

### Alibaba Certified Cloud Associate – Cloud Computing

May 2021

### ASEAN Data Science Explorers 2020 Participant | [Link](#)

September 2020

### The Belt and Road Communication Award - The 10th China Students Service Outsourcing Innovation and Entrepreneurship Competition | [Link](#)

May 2021

### The Star's Education Fund 2019 Recipient

March 2019

### Honorary Troop Leader & King's Scout Award

June 2017 & May 2018



## Soft Skills

### Strong:

Leader, Motivator, Endurant,  
Public Speaker, Problem Solver,  
Team Player, Critical Thinker

### Languages:

English – Professional

Malay – Professional

Mandarin – Basic

### Extracurricular:

UTAR Banking and Finance

Society Event:

Publicity Committee Member

UTAR Voice of Choir and

Acapella Club:

Senior Choir Club Section Leader

FreeCodeCamp & DataCamp:

Responsive Web Design,  
Javascript Algorithms and Data  
Structures, Python Data Science  
& Visualisation

### References:

Ts. Tan Teik Boon

(Lecturer, UTAR)

[tantb@utar.edu.my](mailto:tantb@utar.edu.my)

+6016 627 0702