Tan De Zhian

🎓 Education

Computer Science, Universiti Tunku Abdul Rahman, Perak
January 2019 – Present

Current CGPA: 3.8077

Honors: 3 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

FreeCodeCamp & DataCamp, Online
January 2019 – Present

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

🔖 Technical Projects

Portfolio Website | [Website](#)
May 2021

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

Public Facilities Fault Reporting & Maintenance System
March 2021

- Final Year Project (Work-In-Progress)
- Built a Mobile Application for the public to geologically pinpoint public facilities faults and report them to the relevant authorities
- Implemented Flutter, Dart, Google Places, Geocoding and Firebase

👤 Details

+6014-6297280

danieltan218@gmail.com

Ipoh, Perak / Puchong, Selangor

Last Semester Intern:
4th October 2021 – 8th January 2022

Links

Website

LinkedIn

GitHub

Facebook

CodePen

⚙ Technical Skills

Proficient with:

Responsive Web Design:
HTML5, CSS3, JavaScript

Front End Development:
React / Redux

Data Science & Visualisation:
Python, R

Mobile App Development:
Flutter, Firebase

Others:
Java, Premiere Pro

Familiar with:

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

Online Order Management Monitoring System
March 2021

- Built a system which allows business premises to effectively monitor order information
- Implemented Java EE, WildFly 17.0.1, PostgreSQL DBMS, JDK 11 in Eclipse 2019-06

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

Honorary Troop Leader of 01 Kinta Scout Troop Ipoh
June 2017

King's Scout Award
May 2018

The Star's Education Fund 2019 Recipient
March 2019

The Belt and Road Communication Award - The 10th China Students Service Outsourcing Innovation and Entrepreneurship Competition | Link
September 2020

ASEAN Data Science Explorers 2020 Participant | Link
September 2020

Alibaba Certified Cloud Associate – Cloud Computing
May 2021

AWS Certified Cloud Practitioner
May 2021