

Tan Wen Zheng

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EDUCATION

- 01/03/2019 - 11/07/2022 **Bachelor of Computer Science in Data Science, Monash University** – Clayton, VIC
- WAM - 69.667
 - GPA - 2.492

PROJECTS

- 01/07/2022 - 29/10/2022 **Data Warehousing and Business Intelligence - Movie Case Study**
- Designed a multi-dimensional database.
 - Implemented online analytical processing (OLAP) queries.
 - Defined the granularity in data warehousing
 - Created a BI reports using data warehouses and OLAP.
- 01/07/2021 - 01/09/2021 **Data Visualisation - Data Visualiser**
- Link - <https://tanwzac.github.io/>
 - Processed raw data from real world data (WHO datasets) and interpret data into the most suitable visualisation making it easier to understand.
 - Swift adoption of new language (vega and vega lite).
- 01/01/2021 - 30/11/2021 **Project Management - Machine Learning Engineer**
- Link - <https://github.com/TanWZac/CNN>
 - Used Google Cloud to develop a Convolutional Neural Network to forecast using [Breast Histopathology Images](#) achieving a 85% accuracy.
 - Evaluated multiple machine learning and statistical models (catboost, random forest, ensemble methods) to dealt with large patient data to predict breast cancer risk and stages.
 - Breast Cancer was the most common type of cancer leading cause of deaths worldwide, accounting for nearly 10 million deaths in 2020.

SKILLS

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|--------------------|-------------------|--------------------------------|
| • Python | • Web Development | • Algorithms & Data Structures |
| • Machine Learning | • Java | • R |
| • Deep Learning | • SQL | • Android Development |

EXPERIENCE / VOLUNTEER

- 1/7/2022 - 20/11/2022 **Volunteer Tutor on Android Studio and R programming** - Melbourne, Victoria
- Taught Android Studio and provided a variety of learning materials and resources from android documentation.
 - Monitored and evaluated student's performance and development during the learning and implementation phase of R and Android Development.
- 28/8/2018 – 30/8/2018 **General Affairs, Foon Yew High School Photography Gallery** – Johor Bahru, MY
- Planned and scheduled the event collaborating with school officials and assigned task to committee member decorating the venue.
 - Cooperate with subordinate to setup the gallery venue.