Tony Mao

0468 512 133 | tonymao8.github.io | tonymao@live.com.au | Australian Citizen
Data Science: Python, R, SQL, TensorFlow | **Web Development**: React, Ruby on Rails, Java, AWS

Experience

AI RESEARCH ASSISTANT   **February 2021 - Present**
UNSW

- Developing a stroke prediction algorithm.

FOUNDER   **August 2020 - Present**
TAPIT

- Grew customer base to 200 paid users through developing and executing a sales strategy.
- Conducted user interviews and created prototypes in Figma.

BUSINESS DEVELOPMENT INTERN   **December 2020 – February 2021**
AMAZON WEB SERVICES

- Designed and deployed a scalable data lake for internal team members using AWS.
- Built visualisations to automate team reporting, reducing time spent by 50%.
- Analysed data to deliver strategies for improving customer engagement and team collaboration.

TECHNICAL ANALYST   **March – September 2019**
DIVIDEBYZERO

- Built a Machine Learning model to predict the likelihood of customer purchase for Spotlight Australia using Google Cloud.
- Revamped internal workplace technologies, reducing complaints by **80%**.

DATA ANALYST   **February – July 2019**
BENCH

- Designed and implemented a scalable data analytics solution to enable data-driven strategies for marketing campaigns.
- Delivered marketing strategies for reducing cost per acquisition based on analysis of customer conversion patterns in the entertainment industry.

SOFTWARE ENGINEER   **January 2019**
UPRISE

- Aided the implementation of the Uprise platform built in React and Node.js.
- Improved the device compatibility of the platform by **20%** through writing and testing code.

Education

B.S. IN **BUSINESS ANALYTICS/COMPUTER SCIENCE**   **Graduate November 2021**
University of New South Wales. WAM: 71.