

Tony Mao

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Australian Citizen

tonymao8.github.io

Data Science: Python, R, SQL, TensorFlow

Developer: ReactJS, Java, AWS

Experience

AI Research Assistant

Feb 2021 – Present

University of New South Wales (UNSW)

- Developing an algorithm to detect early signs of a stroke.
- Developing an algorithm to predict a patient's rate of recovery.
- Creating real-time dashboards for monitoring patient progress.

Founder

Aug 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

Dec 2020 – Feb 2021

Amazon Web Services (AWS)

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

Technical Analyst

Mar 2019 – Sep 2019

Divide By Zero (DBZ)

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

Data Analyst

Feb 2019 – Jul 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

Jan 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

Bachelor of Business Analytics/Computer Science

Graduating Nov 2021

- University of New South Wales, WAM 72.