

Tony Mao

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C | SQL | PYTHON | JAVA | HASKELL | REACT | RUBY ON RAILS

Education

UNIVERSITY OF NEW SOUTH WALES | GRADUATE NOV 2020

B.S. in Commerce(Business Analytics)/Computer Science. WAM: 72.

Experience

TECHNICAL ANALYST | DIVIDEBYZERO | MARCH – SEPTEMBER 2019

- Built a machine-learning model to predict likelihood of customer purchase.
- Identified key gaps in client's data collection strategies.
- Revamped internal communication technologies.
- Trained in marketing campaign management in Salesforce.

DATA ANALYST | BENCH | FEBRUARY – JULY 2019

- Analysed datasets to determine customer conversion patterns.
- Delivered marketing recommendations for reducing cost per acquisition.

SOFTWARE ENGINEER | UPRISE | JANUARY 2019

- Troubleshooted front-end user queries using React.
- Performed code reviews and assisted in debugging efforts.

Projects

FINSOC WEBSITE 2019 (Website, Team Lead)

- Redesigned student society website and updated code for newest version of **Ruby on Rails**. Added automated tests and patched security vulnerabilities.

CSE JOBS BOARD 2018 (Website, Team member)

- Designed and implemented front-end for a student employment website using **React** and **Agile** methodology. Wrote and executed test cases.

Activities and Awards

- **Social Director, Computer Science Society** (October 2018 – April 2019). Main event organiser for the CSE student community. Led a **30 person** team to plan and run a camp with a **30k** budget.
- **Business Analyst, ThoughtWorks** (March - May 2019). Business analysis training in an agile environment. Included prototyping, user story mapping and stakeholder management.
- **Microsoft Protégé Finalist** (2019). Placed 2nd in Australia. Entered business plan for a rapidly scalable disaster-relief solution using Azure Cloud.