

Tony Mao

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C | SQL | PYTHON | HASKELL | REACT | HTML/CSS/JAVASCRIPT

Education

UNIVERSITY OF NEW SOUTH WALES | SINCE 2018

B.S. in Commerce(Financial Economics)/Computer Science. WAM: 72.

Experience

TECHNICAL ANALYST | DIVIDEBYZERO | MARCH – SEPTEMBER 2019

- Built a model to predict likelihood of customer purchase based on previous activity.
- 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 deliver recommendations for effective marketing strategies.

SOFTWARE ENGINEER | UPRISE | JANUARY 2019

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

TUTOR | SYNERGY EDUCATION | 2018

- Taught Economics and Mathematics content to high school students.

Projects

CSE JOBS BOARD 2018 (Website, Team)

- 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.
- **Website Designer**, Brightway Electronics (2019). Designed and built a website for family business.
- **Microsoft Protégé Finalist** (2019). Placed 2nd in Australia. Entered business plan for a rapidly scalable disaster-relief solution using Azure Cloud.