

# Simon McMahon

Passionate about mathematics, programming and solving problems.

+61 490 066 236

[simon@simonmcmahon.com](mailto:simon@simonmcmahon.com)

[www.simonmcmahon.com](http://www.simonmcmahon.com)

## EXPERIENCE

### **Hismile, Gold Coast — Data Scientist**

APR 2019 - PRESENT

Data Scientist for a D2C at-home teeth whitening company with ~\$20 million p.a. revenue. I manage data production, extraction and processing from CX, eCommerce and Ad sources using Google cloud to increase sales.

### **NoiseNet, Brisbane — Data Scientist**

AUG 2017 - FEB 2018

Intern for a real estate sound monitoring startup. In my role, I managed databases and decreased an internal tool's runtime by 50%.

### **Jacaranda Finance, Brisbane — Junior Data Analyst**

AUG 2017 - OCT 2017

Junior data analyst for a financial services company. I improved their credit scoring by implementing statistical methods in R and SQL.

### **Private Tutor, Brisbane — Founder**

FEB 2013 - NOV 2018

Founder of a tutoring company for senior school students. My role included tutoring, marketing, sales and client relationship management.

## EDUCATION

### **University of Queensland, Brisbane — B. Mathematics**

FEB 2013 - JUL 2018

Heavy focus on applied concepts such as: statistics, operations research, optimization and financial mathematics.

## PROJECTS

### **[NY Times Sentiment Analysis](#) — Web App**

Responsive web app analysing the emotion and bias of the NY times most shared articles by social media platform.

## SKILLS

Problem Solving

Python (numpy, pandas, scikit-learn)

R language

Cloud Services (AWS, Google Cloud)

Databases (SQLite, Microsoft SQL Server)

## AWARDS

**Vice Chancellor Scholarship**

Awarded \$12,000 p.a.

Scholarship for academic merit.

## LANGUAGES

English (Native).