👤 CAREER PROFILE

Experienced data scientist with a background in mathematics, teaching and small business ownership. Hence, I am a skilled professional who is also adept at communicating complex concepts and interfacing with key stakeholders.

🎓 EDUCATION

Bachelor of Mathematics

2013 - 2017

University of Queensland

Awarded the Vice Chancellor Scholarship ($12,000 p.a.) based on academic merit.

💼 EXPERIENCE

Data Scientist

08/2018 - Present

Synengco

Data Scientist for a specialist engineering company working on optimising combustion of coal power plants.

Data Scientist

08/2017 - 02/2018

Noisenet

Intern for a real estate sound monitoring start-up. In my role I scraped large data sets, managed databases on AWS, and optimised an internal tool's runtime with mathematical improvements.

Data Analyst

08/2017 - 11/2017

Jacaranda Finance

Data analyst for a financial services company. In my role I improved their credit scoring algorithm using an internal data set by implementing statistical & machine learning algorithms in R language. Project deliverable was an API.

Simon McMahon

Data Scientist

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⌨ simon-mcmahon (http://github.com/simon-mcmahon)

📄 PDF resume (/assets/sm_resume.pdf)

➕ Add to contacts (/assets/sm_contact.vcf)

LANGUAGES

English (Native)

INTERESTS

Hiking

Ultimate Disc

Casual Academic Tutor

2016 - 2017

University of Queensland

Academic tutor to classes of 25 students. Tasks included teaching, marking and giving feedback to students.

Private Tutor

2013 - 2017

Altius Tutoring

Founder of a 1-on-1 specialist tutoring company for Queensland senior school students. My role included tutoring, marketing, sales and client relationship management.

📇 PROJECTS

NY Times Sentiment Analysis (https://nytimes-emotion.herokuapp.com) - Responsive webapp analysing the emotion and bias of the NY times most shared articles by social media type. Dash by Plotly backend. Machine learning done with NLTK.

Conspiracy Trivia (https://assistant.google.com/services/a/uid/0000004af87ac8fa?hl=en) - A simple trivia game for the Google Assistant and Google Home product lines with a conspiratorial theme.

🚀 SKILLS & PROFICIENCY

Python (numpy, pandas)

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MATLAB

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Amazon Web Services

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R language

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Database (SQlite, postgresql)

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Python (plotly, Django)

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Python (TensorFlow)

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