

HARRY BIGGS

As a highly skilled data consultant with a background in genetics, I bring an evidence based approach to analytical decision making. I have a proven track record in a range of areas, utilising a swathe of methods including machine learning and cloud computing.

RELEVANT WORK EXPERIENCE

2024
|
2021

● Analyst, Senior Analyst, Assistant Manager

McGrathNicol

📍 Melbourne, Victoria

- As a member of the Data Analytics team at McGrathNicol, I have gained invaluable experience in the world of forensic data analytics. I have worked on high profile projects such as the Crown Casino audits. As any work produced could be interrogated in court, accuracy and readability had to be of the highest calibre. In addition, over the last year I have performed the role of team lead when required, and full time for several months due to a staff absence.
- SKILLS: Communication, Delegation, Management, Data visualisation, Big data, Cloud computing, Machine learning, Alteryx, SQL, R, Python

2021

● Portfolio Analyst

RACV

📍 Hobart, Tasmania

- As a Portfolio Analyst, my role was to ingest large volumes of data relating to customer behaviour and derive key insights from them. Predicting trends and assessing the suitability of key KPIs was also crucial. I would then produce high quality visuals in the form of PowerBI dashboards and present these at monthly stakeholder meetings.
- SKILLS: Data visualisation, Forecasting, Trend prediction, SQL

2020
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2019

● Associate Research Fellow

Gardner lab, Department of Biochemistry

📍 University of Otago

- With a focus on data provenance and reproducibility, my role as an associate research fellow involved a large amount of data curation and literature writing. Other roles included helping postgraduate students with their projects, and gathering data for visualisation and analysis for use in grants and applications, with some of my work being successfully leveraged in a Marsden grant.
- SKILLS: Big data, R, Bash, Statistical analysis, Experiment design

EDUCATION

2019
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2017

● MSc, Genetics

Hughes lab, Department of Biochemistry

📍 University of Otago

- Thesis: Exosome mRNA localisation.
- A dual cell culture/bioinformatics project, focusing on extracellular vesicles, with a variety of methods.



About me: I believe a role is only as good as it's people, and strive to create the best role possible.

Mentoring is my passion and have 10 years of tutoring experience. I greatly enjoy the mentoring aspects of any role.

In my spare time I enjoy performing on stage, playing tabletop games, and miniature painting.

📄 [Download a PDF of this CV](#)

CONTACT

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LANGUAGE SKILLS

R

Alteryx

SQL

Python

The source code is available at
github.com/hstrayer/cv.

Last updated on 2025-01-14.

2015
|
2013

● **BSc, Genetics (minor Microbiology)**

Dunedin, New Zealand

📍 University of Otago

- A standard Bsc with a minor in microbiology, the results of which earned me a postgraduate position offer.



RELEVANT TEACHING EXPERIENCE

2020
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2019

● **Data carpentry instructor**

Department of Biochemistry

📍 University of Otago

- Teaching Introduction to command line from the data carpentries.

2018
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2017

● **Undergraduate demonstrator**

Department of Biochemistry

📍 University of Otago

- Being friendly, engaged and understanding to any and all students while teaching laboratory coursework and protocols.