Nicholas Garner

Profile

I am a highly motivated health data analyst / data scientist with a passion for improving patient outcomes and having a real-world impact. I have a PhD in neuroscience, proven experience in statistically analysing and visualising messy real-word data from health care providers, and am comfortable collaborating with internal, academic, government, and corporate stakeholders. I enjoy communicating findings through publications and presentations, and guiding other to important insights using intuitive dashboards. Eager to join a leading global organisation and work alongside motivated and highly skilled colleagues.

Recent Work Experience

July 2023 – Current
Data Analyst, Brisbane North Primary Health Network (BN PHN)
- Cleaned, transformed, and analysed real-world health datasets from large diverse sources (Deidentified patient data from weekly extracts at over 200 GP practices, urgent care service data, public health data sources) using R and T-SQL to inform public health initiatives including chronic disease management.
- Created and maintained many dashboards in PowerBi for internal and external stakeholders to improve data accessibility and the ability act on data-driven insights.
- Lead a national cross-organisational GitHub collaboration group to improve analytics efficiency, standardisation, and capability.

January 2018 – July 2023
Research Scientist / PhD Student, The University of Queensland
- Developed novel analysis systems and methodologies (hardware and software) to enable cutting-edge research funded by both the Michael J. Fox Foundation and NHMRC
- Collected, integrated, and published impactful studies involving large volumes of logitudinal data. This included video recordings, EEG (sleep), behaviour, temperature, energy metabolism, pathology, and microscopy.

November 2022 – January 2023
Internship – Subject Matter Specialist Consultant, Metro North Queensland Health
- Partnered with experts across disciplines to integrate real-world insights into research protocols, ensuring data relevance and project feasibility.
- Developed ethically compliant, regulatorily sound research protocols, demonstrating expertise in technical writing and standards adherence.

Key Skills

Statistical analysis and data visualisation: R, Excel, Power BI, SQL, Azure, LaTeX, Adobe suite, Linux.
Project management: Excellent time management for working across and delivering on multiple projects
Communication: Excellent written and verbal communication to a range of audiences

Education

April 2019 – June 2023
Doctor of Philosophy, University of Queensland
Sleep and Circadian Neuroscience in Parkinson's Disease Lab

January 2015 - November 2018
Bachelor of Science (Hons), University of Queensland
Graduated with an extended major in biomedicine;
Achieved First-Class Honours in Neuroscience

January 2010 - December 2014
QCE, Anglican Church Grammar School

Highlighted Volunteer Work

January 2020 – February 2023
Executive committee member (Secretary) of the Student and Staff Networking committee (SASN) and SBMS SASS (School of Biomedical Sciences; Student Academic and Social Society)

January 2020 - Current
Academic mentor for 5 Undergraduate, 4 Honours and 2 Masters students in a professional lab setting across one or two academic semesters

January 2011 – July 2016
Naval Cadet: Achieved a leadership rank of Petty Officer and was Head Naval Cadet (Churchie - 2013 and 2014)

Recent Achievements

2023
Travel award –World Parkinson's Congress 2023

2022
Research excellence award - Griffith University Parkinson's Disease Research Symposium
Research excellence award - Australasian Chronobiology Society
Travel Award – International Movement Disorder Society
UQ ECR Life Sciences Symposium: Best poster

Publications / Presentations

7 publications, 8 formal academic presentations:
See LinkedIn (full list) or ORCiD (publications only) https://orcid.org/0000-0003-0118-0720.

Personal Information

I have a rich background of study in Australia and overseas, living in Singapore for six years and China for two years during my primary education and participating in an exchange program with the University of Copenhagen for six months during my bachelor's degree. This has made me adaptable and comfortable with a wide range of working environments and people internationally.

I've gained a large amount of experience in hands-on teaching and learning in both theoretical and practical knowledge through holding a leadership position for five years within Naval Cadets in highschool, an advisory role to lower grades in Kung Fu, and providing guidance and supervision to students as a professional tutor and as a senior lab member during my PhD. I have also received the well-recognized Bronze, Silver and Gold Suke of Edinburgh awards and won numerous awards relating to academic and research excellence. I enjoy reading sci-fi books, diving (certified open water diver), and playing football.