

CHASE ROBERTSON

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PROFILE

In penultimate year of a Master of Data Science at the University of Auckland, with recent focus on statistical computing and machine learning. Also communicating complex technical concepts to burgeoning programmers as a Graduate Teaching Assistant for introductory Computer Science courses. In the short term, looking to continue building skills in data engineering, visualisation, and insight-extraction. In the long term, hoping to make a significant contribution to the technical challenges inherent to understanding, communicating, and solving the world's most pressing issues, especially in regards to global health and poverty.

TECHNICAL SKILLS

Data Management

Automation of the data lifecycle via Google Apps Script, bash scripts, and Powershell.

Data Analysis

Turning tabular data into insight with SQL, the tidyverse package in R, and pandas in Python.

Data Visualisation

Sharing immediate insights via ggplot, base R graphics, or matplotlib in Python.

Software Engineering

Designing, implementing, and testing software programs and packages in Python, Java, C++, etc.

Statistical Analysis

Making inferences based on quantitative evidence via hypothesis testing and regression modeling.

RELEVANT EXPERIENCE

Graduate Teaching Assistant at The University of Auckland

02/2022 - Present

Graduate Teaching Assistant for introductory COMPSCI courses. Lead tutorial sessions, assist students with lab work, and proofread course and exam materials.

Systems Administrator at Lucid Software

02/2021 - 07/2021

Mainly focused on migration of Jira Software on-prem to Cloud. Also worked on internal identity system integrations, fleet management, and mentoring of fellow team members. Work included bash and Python scripting, ad-hoc data analysis, and project management.

IT Specialist II at Lucid Software

02/2020 - 02/2021

Administered physical technology stack for company of about 800 employees, including Mac/Windows/Linux workstations, conference room A/V devices, and office network. Work included core switch and wireless access point administration, workstation provisioning automation, and software administration for company-wide tools like Zoom and Jira Software.

IT Helpdesk Technician at Lucid Software

09/2018 - 02/2020

Managed daily IT operations including new employee on-boarding, event support, documentation, process improvement, and general troubleshooting. Work included hands-on hardware repair and installation, workstation provisioning, and ad-hoc scripting for internal tasks.

EDUCATION

Master of Data Science

Expected Graduation 11/2023

University of Auckland

Auckland, NZ

Bachelor of Science in Computer Science

01/2014 - 05/2018

Brigham Young University

Utah, USA

INTERESTS

Interests include applied utilitarian ethics, rationalism, philosophy of artificial intelligence, evolutionary psychology, political economy and history, comparative religion, and sustainability. I also enjoy programming puzzles, playing ice hockey, running, cooking, and long walks in nature. In bygone days I have also dabbled in van-life, rugby, ultimate frisbee, pole vaulting, backpacking, fly fishing, yoga, drumming, singing, building, motorcycling and related mechanics, and long bouts of travel. I have lived in the Western US; Jiangsu Province, China; and various places in Central/South America; and have visited every habitable continent. Variety is the spice of life!

REFERENCES

Alan Reeves-Fortney

Senior Information Technology Manager at Lucid Software

arf@lucidchart.com

Alan was my manager at Lucid Software from 2019 to 2021.

Ann Cameron

Professional Teaching Fellow at UoA Faculty of Science

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Ann is the course coordinator for intro COMPSCI courses and can attest to my work as a tutor.