

CHASE ROBERTSON

Auckland, NZ ◇ Mobile: +64 022 695 5126

chaserobertson208@gmail.com ◇ [chaserobertson.github.io](https://github.com/chaserobertson) ◇ linkedin.com/in/chase-robertson

PROFILE

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

TECHNICAL SKILLS

Data Ops: Automation of the data lifecycle via UNIX shell (bash), Powershell, and Google Apps Script.

Data Analysis: Turning data into insight with SQL, Hadoop, Hive, R, SparkR, and Python.

Data Visualisation: Sharing immediate insights via R graphics, ggplot2, or matplotlib in Python.

Software Engineering: Designing and implementing, and testing software in Python, Java, C++, etc.

Statistical Analysis: Making inferences from quantitative evidence via hypothesis testing and modelling.

Machine Learning Ops: Simplifying the management of machine learning workflows and deployment via Terraform, CI/CD, and AWS Sagemaker.

RELEVANT EXPERIENCE

Machine Learning Ops Intern at Cognizant NZ (Servian Inc.) 11/2022 - Present

Building out a secure environment for Data Science and Machine Learning workflows. Network, database, applications, serverless tools, and machine learning workflows deployed to AWS via Terraform.

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 Helpdesk / IT Specialist II at Lucid Software

09/2018 - 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. Helpdesk 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

CERTIFICATION

Terraform Associate 002

01/2023 - 01/2025

CompTIA A+

05/2019 - 05/2022

INTERESTS

Personal interests include applied ethics, artificial intelligence, evolutionary psychology, political economy and history, and sustainability. I also enjoy programming puzzles, playing ice hockey, running, cooking, and long walks in nature. I have lived in the Western U.S., the Jiangsu Province of China, 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

+1 (650) 248-2702 — arf@lucidchart.com

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

Ann Cameron

Professional Teaching Fellow at UoA Faculty of Science

+64 9 923 4947 — a.cameron@auckland.ac.nz

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