CHASE ROBERTSON

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EDUCATION

Master of Data Science   **Nov 2023**
The University of Auckland   *Auckland, Aotearoa NZ*

- Statistical concepts and methods, including: hypothesis testing, Bayesian inference, and regression modelling.
- Data processing, analysis, and modeling techniques with R, tidyverse, and ggplot2.
- Machine learning theory and practice, model evaluation and validation using Python and sklearn.

Bachelor of Science in Computer Science   **May 2018**
Brigham Young University   *Provo, Utah USA*

- Brigham Young Academic Scholarship, 2015
- Theory and practice of Algorithm Design & Analysis, Network Programming, Programming Language Concepts, Software Design & Testing, Machine Learning, Distributed Systems, and Computational Theory.

EXPERIENCE

The University of Auckland

Research Assistant   **Jul 2023 - Present**
- Proofread academic articles and maintain technical infrastructure for The R Journal.

Graduate Teaching Assistant   **Feb 2022 - Nov 2023**
- Lead tutorial sessions, assisted students with lab work, and proofread course and exam materials for 4 courses: Principles of Programming, Introduction to Computer Systems, Introduction to Software Fundamentals, and Advanced Data Science Practice.

Cognizant NZ

Machine Learning Ops Intern   **Nov 2022 - Feb 2023**
- Designed and implemented a complete data science ecosystem via Terraform, CI/CD, and AWS services.

Lucid Software

Systems Administrator   **Feb 2021 - Jul 2021**
- Led migration of Atlassian Server instance to Atlassian Cloud (Jira & Confluence).
- Worked on internal identity system integrations, fleet management automation, and served as team mentor.

IT Specialist II   **Feb 2020 - Feb 2021**
- Owned documentation, analysis, and automation of internal IT systems and processes.
- Administered office network and device fleet of about 500 macOS, 120 Windows, and 200 Ubuntu devices.
- Reduced per-laptop hands-on setup time by 50% with MDM software (Jamf) and custom automations.

IT Helpdesk Technician   **09/2018 - 02/2020**
- Oversaw helpdesk operations, facilitated office expansion, and onboarded new hires as the company grew from 300 to 600 employees.
- Created custom scripts to manage configuration of 70 legacy devices, saving thousands of dollars in software licensing costs.

TECHNICAL SKILLS

Languages	Python, R, SQL, Bash, PowerShell, C++, Java, Julia, C#, JavaScript
Tools	git, sklearn, tidyverse, ggplot2, Selenium, TCP/IP, DNS, AWS, OpenVPN, Wireshark
Skills	Data Engineering & Analysis, Critical Evaluation, Technical Writing, Troubleshooting