

CHASE ROBERTSON

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EDUCATION

Master of Data Science

University of Auckland

Expected Graduation 11/2023

Auckland, NZ

- Fundamentals of machine learning theory, model evaluation and validation, supervised and unsupervised learning methods using Python and sklearn.
- Data preprocessing and analysis; regression, tree-based, and neural network modeling techniques using R, tidyverse, and ggplot2.
- Statistical concepts and methods including point estimation, hypothesis testing, distribution, probability, and set theory.

Bachelor of Science in Computer Science

Brigham Young University

01/2014 - 05/2018

Utah, USA

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

EXPERIENCE

Graduate Teaching Assistant at The University of Auckland

02/2022 - Present

- Lead tutorial sessions, assist students with lab work, and proofread course and exam materials.

Machine Learning Ops Intern at Cognizant NZ

11/2022 - 02/2023

- Designed and implemented data science ecosystem on AWS, leveraging Terraform, Gitlab CI/CD, and AWS VPC, ECR, SageMaker.

Systems Administrator at Lucid Software

02/2021 - 07/2021

- Migrated Atlassian Server instance to Atlassian Cloud (Jira & Confluence).
- Administered office network and device fleet of about 500 macOS, 120 Windows, and 200 Ubuntu devices.
- Worked on internal identity system integrations, fleet management automation, and mentoring of fellow team members.

IT Specialist II at Lucid Software

02/2020 - 02/2021

- Owned documentation, analysis, and automation of internal IT systems and processes.
- Reduced per-laptop hands-on setup time by a factor of 5 with MDM Software and custom Bash scripts.
- Automated full inventory audit via cross-check of unique identifiers in various systems to confirm approved users.

IT Helpdesk Technician at Lucid Software

09/2018 - 02/2020

- Oversaw daily helpdesk operations, facilitated office space expansion, and conducted onboarding of all new hires as the company doubled in size from 300 to 600 employees.
- Created custom Python scripts utilising chrome webdriver and selenium testing package to manage configuration of 70 Polycom 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