

CHASE ROBERTSON

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EDUCATION

Master of Data Science

University of Auckland

Expected Graduation 11/2023

Auckland, NZ

- Advanced Machine Learning: Using python and sklearn, I practice the fundamentals of machine learning theory, model evaluation and validation, supervised and unsupervised learning methods.
- Statistical Learning: Using R, tidyverse, and ggplot2 packages, I practice data preprocessing and analysis, regression, tree-based, and neural network modeling techniques, and ethics.
- Computational Statistics: Exploration of 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, Computer Systems, Programming Language Concepts, Software Design & Testing, Machine Learning, Distributed Systems, Computational Theory.

EXPERIENCE

Graduate Teaching Assistant at The University of Auckland

02/2022 - Present

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

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.
- Administered company-wide software tools, including Jira project management, SnipeIT inventory system, client-side VPN, Zendesk, and Zoom.
- Reduced per-laptop hands-on setup time by a factor of 5 with MDM Software and custom Bash scripts.
- Automated an urgent full inventory audit by implementing a cross-check of unique identifiers in various management systems to confirm approved users on each device in circulation.

IT Helpdesk Technician at Lucid Software

09/2018 - 02/2019

- 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.
- Provided live technical support for dozens of company-wide and executive-level meetings.
- Created custom Python scripts that utilize 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