

Chase Robertson

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EDUCATION

MASTER OF DATA SCIENCE

UNIVERSITY OF AUCKLAND Expected Graduation 2023

- 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, COMPUTER SCIENCE

BRIGHAM YOUNG UNIVERSITY 2014 - 2018

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

EXPERIENCE

SYSTEMS ADMINISTRATOR

LUCID SOFTWARE 2020 - 2021

- Migrated Atlassian Server instance to Atlassian Cloud (Jira & Confluence).
- Administered fleet of about 500 macOS, 120 Windows 10, and 200 Ubuntu devices.

IT SPECIALIST II

LUCID SOFTWARE 2019 - 2020

- 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 OpenVPN, Zendesk, and Zoom.
- Reduced per-laptop hands-on setup time by a factor of 5 with Jamf 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.
- Implemented several custom Google Apps Scripts to automate onboarding tasks, including document creation and new task notifications.

IT HELPDESK TECHNICIAN

LUCID SOFTWARE 2018 - 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 ~70 Polycom phone configurations, saving the company thousands of dollars in software licensing costs.

ACCOUNTING INTERN

DEALERSOCKET Summer 2015

- Research, validation, and execution of Accounting Department's information systems migration.
- Reviewed and rectified 10% of company's entire receivable accounts portfolio.
- Manually verified millions of dollars in annual revenue through investigative research in preparation for full department audit.

TECHNICAL SKILLS

- Proficient in R, Python, C++, Java; currently practicing Julia.
- Familiar with Android development, C#, Powershell, Bash, Git, Javascript, Selenium, SQL, and HTML5.
- Hands-on experience with networking layers and technology, including IP, UDP/TCP, DHCP, DNS, and HTTP.
- Strong aptitude for technical writing and communication.