

# Chase Robertson

## Data Scientist

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### EXPERIENCE

#### Data Engineering Intern

Gametime

06/2024 Remote

- Creating and maintaining data infrastructure and services to support analytics and machine learning applications
- Saved \$40,000 in annual cost by migrating an ETL pipeline from Fivetran to Apache Kafka
- Automated container deployment to AWS ECR with GitHub Actions, reducing hands-on developer time by 3x
- Created 13 robust data pipelines from AWS S3 to Snowflake, with automatic monitoring and alerting
- Improved security and dependency management with CI/CD checks

#### Research Assistant

The University of Auckland

02/2022 - 03/2024 Auckland, New Zealand

- Proofread and corrected 30 academic articles which outlined new or updated packages, for The R Journal
- Led tutorial sessions, assisted students with lab work, and proofread course and exam materials
- Go-to assistant for the Advanced Data Science Practice course as well as 3 introductory CS courses

#### Machine Learning Ops Intern

Cognizant

11/2022 - 02/2023 Auckland, New Zealand

- Architected and implemented a complete data science ecosystem via Terraform, GitLab CI/CD, and AWS
- Led cross-functional team of 5 interns, consistently exceeding expectations and deploying new features ahead of schedule

#### Systems Administrator


Lucid Software

09/2018 - 07/2021 South Jordan, United States

- Owned a successful custom migration from Jira/Confluence Server to Atlassian Cloud, at 2x the expected rate
- Managed SSO integrations, fleet configuration/reporting, and served as team mentor to 3 entry-level hires
- Administered office network and device fleet of 500 macOS, 120 Windows, and 200 Ubuntu devices
- Reduced hands-on laptop provisioning time by 50% with Jamf MDM software and custom automations
- Ran helpdesk ops, facilitated office expansion, and onboarded all hires as the company grew from 300 to 700
- Created custom scripts to manage 70 legacy VoIP devices, saving thousands in software licensing costs

### LINKS

 **GitHub**  
github.com/chaserobertson

 **LinkedIn**  
linkedin.com/in/chase-robertson

### EDUCATION

#### Master of Data Science

The University of Auckland

GPA

3.8 / 4.0

02/2022 - 11/2023

Auckland, New Zealand

- Graduated with First Class Honours
- Thesis research: time-series forecasting of net electricity demand, confounded by behind-the-meter solar photovoltaic generation
- Statistical methods, including hypothesis testing, Bayesian inference, and regression
- Data processing, analysis, visualisation, and modeling with R, tidyverse, ggplot
- Machine learning theory and practice; model evaluation and validation using Python, scikit-learn, keras, etc.

#### Bachelor of Science, Computer Science

Brigham Young University

01/2014 - 05/2018 Provo, United States

- Coursework covering distributed systems, computer networks, application design, etc
- Academic Scholarship, 2015

### SKILLS

#### Data Science

dbt Data Modeling ggplot git  
keras Machine Learning Python  
scikit-learn SQL Forecasting

#### Data Engineering

Apache Airflow Apache Kafka AWS  
CI/CD Confluent Snowflake  
Terraform UNIX Shell

#### Systems Administration

Atlassian Jamf Javascript  
MacOS Powershell SSO Ubuntu  
Windows