

# CHESTER W. HITZ

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## Experience

**APPLE INC. VIA APEX SYSTEMS** | Sunnyvale, CA

05/2017 – 07/2018

GIS Technician

07/2015 – 10/2016

- Responsible for data analysis, validation, cleansing, collection and reporting.
- Respond to data inquiries from various groups within organization and work between groups to track and achieve long-term targets.
- Navigate complex geodata environment to diagnose and fix errors within the data.
- Analyze and validate data content from various geographic data sources, including databases, spreadsheets, and websites.
- Create and publish regularly scheduled and ad-hoc data reports as needed.

## Education

**SPRINGBOARD** | San Francisco, CA

12/2017 – 08/2018

Data Science Career Track

- Intensive 300+ hour education and training in data science, including Python, SQL, advanced statistics and scikit-learn.
- Completion of two capstone projects to demonstrate proficiency in data wrangling, visual storytelling, and machine learning.
- Orientation in the integration and business applications of analytics and data science across a variety of fields.

**UNIVERSITY OF BRITISH COLUMBIA** | Vancouver, BC

2010 - 2015

Bachelor of Arts, Geography

## Projects

**BROADBAND GROWTH ACROSS THE U.S.**

4/2018

- Gathered and cleaned data to build a predictive regression models (Linear, Ridge, and Random Forest) to predict rates of broadband subscription on a s county-by-county level across the United States.

**ACCIDENT ANALYSIS 2011-2015**

6/2018

- Analyzed fatal road accidents across the United States in two parts, first analyzing road characteristics from geodata processed in QGIS, then pivoted to analyzing and predicting accident characteristics using scikit-learn and associated Python packages.

**VULNERABLE ECOLOGICAL AREA MAPPING**

1/2017

- Assembled disparate geographic data sources and used geoprocessing tools to produce maps of conservation areas vulnerable to mining in the Atlantic Rainforest while volunteering at the Iracambi Rainforest Research Center in Minas Gerias, Brazil.

## Awards and Certifications

**COMPLETE SQL BOOTCAMP** | Udemy

11/2017

- Demonstrated proficiency in reading and writing complex queries for databases using PostgreSQL.

**PEER RECOGNITION AWARD** | Apple Inc. via Apex Systems

4/2016, 7/2017

- Recognition of contractors by their peers for outstanding work, positive influence and overall contributions.

**EAGLE SCOUT** | Boy Scouts of America

9/2009

- Completed six years of outdoors and practical skill-building and leadership training with the Boy Scouts.

## Technical Skills

	Full Professional Experience	Academic and some professional	Academic only
Coding	SQL (PostGRES, SQLite)	Python (pandas, numpy, matplotlib)	scikit-learn, Spark
Analysis	Excel (including macro scripting)	Microsoft Access, Filemaker	R
Visualization		Excel tools	seaborn, Tableau