

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.

DILLON CONSULTING LTD | Richmond, BC

4/2014 - 11/2014

Salmon Habitat Restoration Program Team Leader

- Worked closely with city staff and stakeholders to develop and execute work plans for restoration areas.
- Oversaw program to map worksites and spawning areas with GPS; compiled and cleaned data.
- Produced accurate and professional reports and maps detailing program’s progress and accomplishments.

Education

SPRINGBOARD | San Francisco, CA

12/2017- Present

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 data science across a variety of fields.

UNIVERSITY OF BRITISH COLUMBIA | Vancouver, BC

2010 - 2015

Bachelor of Arts, Geography (Environment and Sustainability)

Awards and Certifications

COMPLETE SQL BOOTCAMP

11/2017

Udemy

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

ESRI DESKTOP ASSOCIATE 10.3

11/2016

ESRI

- Qualifies two years of experience and proficiency in best practices and uses of ArcGIS for Desktop.

PEER RECOGNITION AWARD

4/2016, 7/2016

Apple Inc. via Apex Systems

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

EAGLE SCOUT

9/2009

Boy Scouts of America

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

Projects

BROADBAND GROWTH ACROSS THE U.S.

4/2018

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

IRACAMBI RAINFOREST RESEARCH CENTER | Minas Geras, Brazil

1/2017

GIS Analyst

- Assembled disparate geographic data sources and used ArcMap geoprocessing tools to produce maps of conservation areas vulnerable to mining in the Atlantic Rainforest.

Technical Skills

	Full Professional Experience	Academic and some professional	Academic only
GIS	QGIS (including GDAL scripting)	ArcGIS (ArcMap, ArcInfo)	
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

Other Skills, Interests and Hobbies

Outdoors (hiking, backpacking, surfing), Spanish language, international travel, political activism.