

Objective: Use analytical skills to accurately and effectively communicate a variety of information with the use of leading GIS technologies. Analyze, develop, maintain, and improve maps and data sets. Team oriented, and thrives off working as a group.

GIS Master's Degree, Pennsylvania State University; expected graduation date *December 2019*

Geography Bachelor's Degree, dual concentrations in: *GIS and Physical Geography*
California State University of Sacramento; graduation date *July 2015*

Software Proficiencies

- ArcGIS
- ArcMap
- Apple Proprietary GIS Software
- ArcCatalog
- ArcGIS 3D Analyst
- ArcOnline
- QGIS
- Erdas Imagine
- AQUARIUS
- SPSS
- Adobe Suite
 - Photoshop
 - Illustrator
 - Indesign

GIS Skills

- Map Digitizing
- Map/ Data QA/QC
- Drafting
- Land surveying
- Topographic mapping
- Thematic Map Design
- Spatial analyst
- 3D GIS
- Remote Sensing
- GPS units
- SQL Querying
- Python Querying
- Data Management
- Data correction
- Statistical Analysis

Experience

GIS Technician, *Apple via Apex*, November 2016- Current, Sunnyvale

- QA Team lead, manages specialist on my team, problem solves issues that overlap with other teams.
- Selected to participate in advanced collaborative leadership program
- Push through innovative ideas for more efficient and effective workflows.
- Analyze, validate, and enhance data content and assemble new content for consumer applications.
- Responsible for formalizing training materials, along with QA/QC others work.
- Testing various functions in the software used as well as documenting and submitting formal documents.

Hydrology Field Technician, US Geological Survey, Water Science Center- September 2015 – November 2016, Sacramento

- Maintained, Corrected, and analyzed data collected from water quality instrumentation and water samples.
- Calibrated water quality equipment which monitored salinity, turbidity, temperature, and dissolved oxygen.
- Collected water samples throughout the American River and San Francisco Bay area to support various research teams.

CGS Conference, Interpolation of Mars — *Turning the Red Planet Blue*, November 2015

- Presented map at California Geography Society's conference.
- Created a DEM to accurately portray the height of Mars through interpolations in ArcMap.
- Displayed cartographically the elevation of Mars and Mars with Earth's water.
- Enhanced features through the use of Photoshop and Illustrator.

CSUS Senior Project, *Correlation between Sacramento precipitation and El Niño* January 2014- May 2015

- Executed statistical approaches to find a correlation between precipitation and El Niño by analyzing precipitation totals, PDO, and El Niño index Data using SPSS, and Excel.
- Presented data effectively using ArcGIS to show an interpolation of Sacramento Precipitation.
- Explained Findings through a combination of maps, graphs, and charts.

Teacher's Assistant, CSU Sacramento, Geography Department, January 2014 – December 2014

- Collaborated with geography professor and other assistants, in a team oriented environment, to discover effective lesson plans to teach geography in an interactive style.
- Facilitated discussions centered on featured geography topics.

Squadron commander Air Force ROTC, January 2011 – December 2012

- Was responsible for the safety and wellbeing of multiple flights in the squadron I oversaw.
- Made sure all cadets collaborated to problem solve tasks, and stepped in to help when necessary.
- Effectively communicated situations to those around me and work together to resolve the situation.

Awards, GTU- Honors for Geography at CSUS

Key words: GIS, GIS, Geographic Information Systems, Mapping, Mapping, Base Map, Python, SQL, QGIS, ArcMap, Arc GIS, Detailed oriented, QA, QC, Quality Assurance, Leadership, multitasking, team, spatial analysis, data management, Community, Community, Community, Safety, Safety, Safety, Safety, Safety, Safety, team work, team oriented, family, family, drafting, Communication, Communication, topographic mapping, land surveying, Field notetaking, Assemble information, reporting, documenting, Data processing, help people, Formalize, Innovate, compliant, ensure, Support, collaborate