

## Summary

***Current graduate student in the Natural Resources department of Humboldt State University. Interested in energy policy, GIS applications for natural resource management, and data visualizaiton. Seeking full-time and ideally long-term employment where I can continue to use data analysis skills and GIS applications to convey information.***

## Education

**Masters of Science in  
Environmental and Natural Resources**

**August 2017 - Spring 2019**

***Humboldt State University, Arcata, CA***

Focus on utilization of forest residues for biomass energy

Thesis work built on The California Biomass Impact Project

**Graduate GIS Certificate**

**September 2014 - December 2015**

***Portland State University, Portland OR***

Focus on ArcGIS suite, GPS technology, remote sensing analysis and cartography

**Bachelor of Science in Natural Resources**

**September 2011 - June 2014**

***Oregon State University, Corvallis, OR***

Option in Recreation Resource Management

2014 Outstanding Student of the Year Award

## Professional Experience

**Schatz Energy Research Center - Arcata, CA**

**August 2017 - Present**

***Graduate Research Assistant***

Worked as part of a research team developing a biomass modeling tool

Developed literature review and methods for California Energy Commission report

Managed geospatial data using ArcMap and R Studio

**Humboldt State University - Arcata, CA**

**August 2017 - Present**

***Teaching Assistant for ESM 230***

- Lead instruction of undergraduate students for field and classroom based labs
- Oversaw Excel based labs and explained concepts for basic computer science
- Responsible for grading and feedback on assignments

**North Clackamas**

**February 2017 - July 2017**

**Parks and Recreation - Milwaukie, OR**

***Seasonal Natural Resources Worker***

- Performed restoration work on natural areas
- Helped to organize and run volunteer events
- Updated and maintained a GIS of invasive species locations

**United States Forest Service - Vancouver, WA**

**May 2016 - Jan 2017**

***Visitor Services Assistant***

- Educated visitors about the Gifford Pinchot National Forest and surrounding natural areas
- Acted as the frontline between the public and forest service employees
- Administered passes and permits for forest recreation opportunities

**Freelance/Self-Employed - Portland, OR**

**September 2014 - June 2017**

***Handyman & Landscaping***

- Worked autonomously to build and maintain clientele relationships
- Performed a variety of tasks including mounting objects, electrical work, and home repairs
- High level of scheduling and communication between myself and clients

**Portland Parks and Recreation - Portland, OR**

**June 2014 - September 2014**

***Seasonal Maintenance Worker***

- Maintaining pristine park conditions at a variety of locations
- Regularly landscaping with power tools and hand tools; ensuring consistent quality of work
- Navigating city and park with the use of a city owned vehicle

**Oregon State University**

**September 2013 - June 2014**

**Aquaculture Lab - Corvallis, OR**

***Aquaculture Aid***

- Worked directly under fisheries professor on multiple research projects, gaining experience in data collection
- Digitized photos of Chinook salmon to gather data for statistical analysis and organized data in Excel spreadsheets

**Student Conservation Association - Sequoia National Park, CA**      **Summer 2013**

***Transportation Study Coordinator***

Gathered data through surveys for a travel and transit suitability study

Utilized various hardware to collect different types of data

Maintained organization of datasets while working remotely

Worked and lived in the field as part of a small team requiring a high level of self-management

## Volunteer Work

**Portland Parks and Rec, Urban Forestry**

**Spring 2016**

***Data Entry***

Worked in ArcMap digitizing shapes and populating attribute fields for GIS Database

Used data sheets and aerial imagery for reference in placing point features

## References

**Available upon request**