

# Florencia Gonzalez-Martinez

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## EDUCATION

### University of Washington, College of the Environment

Seattle, WA

*Bachelor of Arts in Environmental Studies*

June 2024

### University of Washington, Department of Geography

Seattle, WA

*Bachelor of Arts in Geography: Data Science*

June 2024

Scholarship: Leadership 1000, Washington State Opportunity Scholarship

Cumulative GPA: 3.45

## WORK EXPERIENCE

### UW Recycling

Seattle, WA

*Contamination Reduction Student Assistant*

April 2023 – June 2024

- Conducted public outreach and community engagement regarding recycling, composting, and waste procedures within the UW community.
- Collaborated with various UW departments and organizations to develop various plans to reduce contamination.
- Conducted updates and assembles records for infrastructure floor plans (as-built drawing), inputs data into spreadsheets for building inventory on campus buildings.
- Assigned to various projects that have facilitated skill development in areas such as taking proactive initiative in developing an analysis tool to easily review their social media campaign engagement.

### Puget Sound Sage

Seattle, WA

*GIS Analyst*

March 2024 – June 2024

- My team and I utilize ArcGIS Pro/ArcGIS online to develop a comprehensive story map, assessing five-year threats and opportunities in the Chinatown/International District, Downtown, and SODO area.
- Performed research, prepared special studies, and analyzed Seattle's master-use permits data to identify and categorize changes in regional property ownership.
- Act as a subject matter expert in knowledge of federal, state, and local regulations for related projects.

### Chehalis Basin Partnership

Seattle, WA

*Resource Management Intern*

Summer 2023

- Developed a hydrology web map of Scatter Creek and coordinated volunteer efforts to collect data through citizen science initiatives.
- Led the preparation and presentation of reports and information to the Chehalis Basin Committee, external entities, and the public regarding planning functions for Scatter Creek.

### INRIX Hackathon

Seattle, WA

*Participant*

October 2023

- Developed application using Amazon APIs and React to help users discover more fuel-efficient routes and locate the nearest inexpensive gas stations.
- Utilized statistical analysis and python libraries such as pandas to assess route fuel efficiency compared to competitors like google maps

## Skills:

- Proficient in GIS software and ESRI Products (e.g., ArcGIS Pro, QGIS, Mapbox).
- Skilled in web development (e.g., JavaScript, HTML, CSS)
- Skilled in field data collection using GPS and mobile GIS tools.
- Strong understanding of data management and programming (e.g., R Studios, Python, and SQL)
- Skilled in project management, public outreach, and community engagement.
- Excellent organizational and communication skills (Bilingual: Spanish).