

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

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).