**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**](https://fgonza3.github.io/project_flo.github.io/sky.html) **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**](https://fgonza3.github.io/project_flo.github.io/scatter_creek.html)  **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).