

Ainsley Kae McCullough

ainsleykm.wixsite.com/portfolio
317.999.5013 ■ ainsleyk@uw.edu

Education

University of Washington, Tacoma, WA

Candidate: Masters of Science in Geospatial Technology

Fall 2019- Expected Graduation Summer 2020

Bachelor's in Environmental Communications with GIS Certificate: 2019

GPA: 3.89

Dean's List: Spring 2017- Summer 2019

Relevant Coursework: Writing for Social Change, Applied GIS and Project Design, Data and Discourse, Statistics, Technical Communications.

In-progress: Web-Based GIS

Skills: ESRI Arc Software, ArcGIS Online, Microsoft Office, Adobe Creative Cloud

Projects

Livability in Redlined Spaces. Spring 2019.

- Using a network analysis to create a complex livability index specifically for the Tacoma-Seattle area. Testing the hypothesis that historically redlined areas currently hold a low score on the livability index.
- This project enhances skills in data management, research, data acquisition and manipulation, while creating awareness of community spaces and accessibility.

Survey Design and Data Analysis. Spring 2018.

- Conducted, created, and managed a survey involving 90 college students involving financial relationships. Survey was crafted to limit bias responses, and meets respondents needs. Data was interpreted with written report and visual aids.
- Enhances skills in participatory data collection, organization, and statistical analysis.

Resource Research Project. Fall 2017.

- Conceptualized and executed research, data collection, and analysis with small team to educated students of personal resource impact through written and illustrated works.
- Enhanced skills in research, task delegation, scientific presentations, and data collection.

Work History

Project Coordinator, Winter 2018- Present

Action Mapping Project, Tacoma, WA

Community Mapping Mentor, Fall 2018- Winter 2018

- Organizing and conducting participatory mapping sessions throughout the Tacoma Public School District to reach every student grades 5th through 12th. These sessions are used to collect personal level data about Tacoma to be used to promote neighborhood change.
- Organizing and managing data collection for all public walkway infrastructures in elementary school catchments through Safe Routes contract.

Ainsley Kae McCullough

ainsleykm.wixsite.com/portfolio

317.999.5013 ■ ainsleyk@uw.edu

- Processing and organizing collected maps for digitization as well as improving naming and storing standards.
- Perform, teach, and coach data collection team on digitizing and data storage.
- Teaching introductory GIS to high school students during after school program focusing on STEAM and professional training through the Next Move Internship.

Barista, Summer 2018- Summer 2019

Whole Foods Market, University Place, WA

- Working alone and as a team to manage prep and completion of coffee and smoothie beverages, as well as provide quality customer service to meet company standards.
- Executing proper time management to provide staff with on time breaks and assist in completing daily milestones. Additionally, passing these skills to new trainees.

Café Manager, Summer 2016- Fall 2017

University of Puget Sound, Tacoma, WA

- Managed operations including scheduling, creating and implementing ordering and operations guides, and training of 15+ students for a completely new venue.
- Organized team meeting and constructed policies and programs based on feedback.
- Extensive cooperation and cross training between departments and participation in campus-wide events. As well as subbing for management of different service venues.

Developmental & Volunteer Experience

Esri Training Courses. 2018.

- Map Design Fundamentals
- Using GIS to Solve Problems
- Creating Map Products
- Getting Started with the Geodatabase
 - Telling Stories with GIS Maps
- Introduction to Green Infrastructure

Awards & Achievements.

- 2019. Student Employee of the Year, *UW Tacoma*.
- 2019. Outstanding Research Project, *School of Urban Studies*.

Volunteer work & Club Memberships.

- 2017-Present. GIS Society: *Graduate Liaison*
- 2019- Present. Black Student Union
- Fall 2019. Tacoma Community House
- Summer 2012. International Volunteer HQ: *Costa Rica*
- Summer 2010. Riley Children's Hospital: *El Salvador*