Ainsley Kae McCullough

ainsleyk.github.io/Portfolio

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Education

University of Washington, Tacoma, WA

Candidate: Masters of Science in Geospatial Technology

Fall 2019- Expected Graduation Summer 2020

Bachelor's: Environmental Communications, GIS Certificate, *Cum Laude*: 2019

Relevant Coursework: Web-Based GIS, Applied GIS and Project Design, Data and Discourse, Statistics, Technical Communication.

In-progress: GIS Customization and Automation, Mobile Geospatial Application Development

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.

Work History

Lab Assistant, *Fall 2019- Present*   *School of Urban Studies*, UW Tacoma, WA

- Assisted students from varying educational backgrounds with GIS coursework.
- Assisted GIS Lecture with preparations for class including gathering and updating learning materials.
- Responsible for maintaining software updates, cleaning, and storage of lab machines and laptops. As well as checking each machine for issues and reporting to supervisor.

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 Pubic School District to reach every middle and high school student. 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 though Safe Routes contract.

- Processing and organizing sketch maps for digitization as well as improving naming and storing standards.
- Perform, teach, and coach data collection team on digitizing and data storage. Including triaging and creating documentation as team transitioned to ArcPro.
- 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.

Beerista, *Summer 2017- Summer 2018*　　　*Black Kettle Bites & Brew,* Tacoma, WA
- Supervisory role responsible for security and safety of team and assets as well as ensure adherence to liquor laws. Including monitoring for quality control of drinks, food, and service.
- Staffed events at venue organizing and providing service for groups 50+ while building connections with organizations.

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
- Getting Started with the Geodatabase
- Telling Stories with GIS Maps

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*