Hello,
I'm Aileen Clarke

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Education

Master of Science, Cartography and GIS – *University of Wisconsin–Madison, Madison, WI*

SEPTEMBER 2021 - DECEMBER 2022

Graduated with a Master of Science in Cartography and GIS and a GPA of 3.9 on a 4.0 scale.

Bachelor of Arts, Geography – *Macalester College, St. Paul, MN*

SEPTEMBER 2011 - MAY 2015

Graduated cum laude with a Bachelor of Arts with a Geography major and Hispanic Studies/Spanish minor.

Experience

Interactive Graphics Intern– *The Seattle Times*

JUNE 2023 - PRESENT

- Produce data-driven maps and graphics using ArcGIS, QGIS, and Adobe Illustrator to accompany news stories online and in print.
- Design and develop interactive visuals using HTML, CSS, Javascript, and other Javascript libraries.

Junior Developer – *USGS Web Informatics and Mapping*

APRIL 2023 - JUNE 2023

- Develop and refactor web-based apps and software to support US Geological Survey scientists and research using Javascript, React, Vue, HTML, CSS, and Git.
- Worked remotely with a multidisciplinary team of database specialists, other developers, and hydrologists to develop software.

Cartography Fellow/Project Assistant – *University of Wisconsin–Madison Cartography Lab*

AUGUST 2021 - JANUARY 2023

- Produced over 30 maps to accompany client publications using ArcGIS, Adobe Illustrator, Adobe Photoshop, and Leaflet.
- Collaborated with over a dozen industry professionals and academics to build cartographic presentations of their work for use online and in print.
- Managed team projects, delegate tasks, and edit final products.

Senior Operations Analyst – *Blue State Digital, Washington, DC*

OCTOBER 2016 - JULY 2021

- Maintained revenue forecast, analyzed client revenue, and assisted in the preparation and management of the monthly forecasting model.
- Collaborated with 10-12 local and global Account Leads and management and ensured all resource data was up to date and accurate per project and individual schedules.

Graphics Research Intern – *National Geographic Magazine, Washington, DC*

SEPTEMBER - DECEMBER 2015

- Supported editors, graphic artists, and cartographers in determining the focus and direction of graphics and art for print and digital.
- Researched and fact-checked content for artwork, information graphics, and maps.
- Contacted and interviewed subject experts.
- Verified and prepared shapefiles for mapping using QGIS and ensured the accuracy of data and final products.

Technical GIS Intern – *Metro Transit, Minneapolis, MN*

MAY - AUGUST 2015

- Analyzed the feasibility of potential development sites through the lens of real estate, job access, and affordable housing to maximize the effect of transit investments toward the goal of integrating transportation, jobs, and housing.
- Produced maps and reports, maintained geospatial databases, and automated the update process between a private server and ArcGIS software.

GIS Lab/Teaching Assistant– *Macalester College Geography Department, St. Paul, MN.*

JANUARY 2013 - MAY 2015

- Provided support for and guided use of Esri products, spatial analysis, map design, and IDRISI.
- Evaluated, graded, and provided feedback for the work of approximately 35 undergraduates per semester.
- Provided general computer and ArcGIS troubleshooting.

GIS Intern – *Indian Land Tenure Foundation, Little Canada, MN*

JUNE - JULY 2014, JANUARY 2015

- Extracted data regarding Native lands and reservations for analysis using Esri products and cloud-based mapping tools to support tribes enrolling in federal land management programs and carbon credit programs.
- Designed and produced maps to inform decision-making by related organizations like the National Indian Carbon Coalition.

Technical Capabilities

- Adobe Creative Cloud (Illustrator, Photoshop)
- Bootstrap
- D3
- Esri Suite (ArcGIS Pro, StoryMaps)
- Git
- Github
- HTML/CSS
- Javascript
- Leaflet
- Mapbox
- Microsoft Excel/Google Sheets
- Python
- QGIS
- Wordpress