

Whitney Emge (she/her/hers)

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About Me

I see my work as a reflection of myself and strive to draw upon my strengths in creative problem solving and thoughtful communication to produce results. I value personal growth and approach my work with authenticity and a sense of humor while looking for opportunities to learn new skills. Supporting the balance between human needs and natural spaces through spatial analysis is an area in which I can leverage my focus and compassion to make meaningful contributions to the world.

Professional History

WA STATE DEPT. OF ARCHAEOLOGY & HISTORIC PRESERVATION | Olympia, WA

GIS Analyst, 2019 – present

- Complete technical cartographic assignments for DAHP's GIS, services, publications, and presentations.
- Perform continuous spatial and tabular data maintenance.
- Prepare quarterly and annual data share deliverables, including databases, metadata, and associated documentation, for federal, state, local, and tribal data sharing partners.
- Drafted documentation for maintaining the integrity of the spatial and tabular data submitted to the agency by cultural resource professionals through the agency's WISAARD application.
- Migrated the agency data sharing platform from Sharepoint to Esri Portal by testing security settings, creating documentation for data sharing partners, and coordinating user sign-up and access.
- Wrote a Python script to automate the process of appending data from a scratch workspace to production layers in the agency's SDE.
- Recorded a video tutorial for WISAARD users to refer to for instruction on submitting cultural resource inventory forms following the launch of a new interface.

Office Assistant, 2018 – 2019

- Digitized cultural resource survey reports and entered corresponding data into MS Access databases, and assisted with processing WISAARD user applications and setting up access for cultural resource professionals.

SIERRA CLUB | Seattle, WA

GIS Intern, 2017 – 2019

- Created spatial data of land transactions for Northern Pacific Railroad land grants in Washington from historic township documents, and designed maps for key years to demonstrate changes in land ownership patterns.

FORTERRA | Seattle, WA

Resource Lands GIS Intern, 2017

- Built agriculture and forestry geodatabases for Washington State counties from tax parcel data, produced statistics on land use and ownership patterns, and published professionally designed, hard-copy maps.

ALL THE BEST PET CARE | Seattle, WA

Assistant Manager, 2016 – 2018

- Provided daily direction to team members, trained new hires on store operations and pet nutrition, and conducted check-ins to ensure employee confidence in knowledge and abilities.

Pet Care Specialist, 2016

- Built rapport with customers by providing personalized shopping experiences, assessing their needs, and providing product recommendations

Educational History

UNIVERSITY OF WASHINGTON, TACOMA | Tacoma, WA

M.S., Geospatial Technologies, 2020

Dean's Award for Academic Excellence

Certificate, Geographic Information Systems, 2017

CENTRAL WASHINGTON UNIVERSITY | Ellensburg, WA

M.S., Primate Behavior, 2015

UNIVERSITY OF PUGET SOUND | Tacoma, WA

B.A., Psychology, 2011

Community Involvement

WEYERHAEUSER FAMILY FOUNDATION

Trustee, 2020 – present

CHIMPANZEE SANCTUARY NORTHWEST

Volunteer Caregiver, 2013 – 2017

Skills

- ArcGIS Desktop, ArcPro, ArcGIS Online
- Python, HTML, CSS, JavaScript
- Cartography, data visualization
- Web Maps (Leaflet, Map Box, Chart.js)
- Mobile data collection (Collector, Survey123)