

# Whitney Emge

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## Professional History

WA STATE DEPT. OF ARCHAEOLOGY & HISTORIC PRESERVATION

### **GIS Analyst**, 7/2019 – present

- Digitize locational information into ArcGIS SDE databases and capture related data into Microsoft Access databases for archaeological and historical sites, and perform continuous data QAQC.
- Perform technical cartographic assignments for DAHP's GIS, services, publications, and presentations.
- Prepare quarterly statewide and annual clip data share deliveries, including geodatabases, MS Access databases, and metadata for agency data share partners.
- Assist with processing archaeological inventory forms and reviewing Forest Practice Applications for spatial conflicts with known cultural resources.

### **Office Assistant**, 8/2018 – 7/2019

- Digitized archaeology survey reports and entered corresponding data into the MS Access database.
- Assisted with processing WISAARD applications and setting up user access for archaeologists, tribal representatives, and students.
- Directed phone calls from the public and coordinated staff travel and lodging.

SIERRA CLUB

### **GIS Intern**, 6/2017 – 6/2019

- 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

### **Resource Lands GIS Intern**, 6/2017 – 9/2017

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

ALL THE BEST PET CARE

### **Assistant Manager**, 8/2016 – 8/2018

- 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**, 2/2016 – 8/2016

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

## Educational History

UNIVERSITY OF WASHINGTON, TACOMA

Master of Science, Geospatial Technologies – expected 8/2020

Certificate, Geographic Information Systems – 9/2017

CENTRAL WASHINGTON UNIVERSITY

Master of Science, Primate Behavior – 5/2015

UNIVERSITY OF PUGET SOUND

Bachelor of Arts, Psychology – 5/2011

## 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)