

# Anna McDermott

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## Objective

Dependable, detail-oriented, and compassionate worker seeking role where I can apply my geospatial technology skills while contributing positively to society and the environment.

## Skills & Abilities

- GIS
- ESRI: ArcGIS Pro, ArcMap, ArcScene, ArcGIS Online, Collector, Survey123
- QGIS
- Data Management
- Data Visualization
- Cartography
- Python, R, HTML5, CSS, JavaScript
- Web-Mapping, GeoJSON, Feature Service, REST Service
- LiDAR, Remote Sensing
- Digitizing, Georeferencing
- Microsoft Office
- Google Sheets, Docs, Slides
- Biology and Language Arts
- Research and Writing
- Public Speaking
- Time Management
- Communication
- Customer Service
- Proper Lab Work Procedures
- Statistics

## Education

### **MASTER OF SCIENCE IN GEOSPATIAL TECHNOLOGIES | SEPT 2017 - AUG 2018 | UNIVERSITY OF WASHINGTON TACOMA**

- Coursework: Intro to Geospatial Technologies; Web-based GIS; GIS Customization & Automation; Mobile Geospatial Application Development; Urban Planning Applications; Environmental Planning Applications; Practicum I: Planning & Design; Practicum II: Implementation
- Capstone: Wolf Space Use During Recolonization in Northeast Washington and the Effects on Other Large Predatory Territories

### **GIS CERTIFICATE | JUNE 2017 | MSU & UNIVERSITY OF WASHINGTON TACOMA**

- Completed Michigan State University's Introduction to Geospatial Technology course
- Completed the GIS certificate program at UW-T, January - June 2017
- Online Portfolio: <http://apsmcdermott.wixsite.com/gis-portfolio>

### **BACHELOR OF ARTS IN BIOLOGICAL SCIENCES | MAY 2011 | SMITH COLLEGE**

- Major: Biological Sciences with a focus in biodiversity, ecology, and conservation
- Minor: Government with a focus in environmental policy
- Dean's List; Orchestra, Chorus, Solo Viola and Voice, Javanese Gamelan (Indonesian music)
- Overseas study Junior/Senior year at the University of Otago in Dunedin, New Zealand

## Experience

### **GIS INTERN | PIERCE TRANSIT | MARCH 2018 - DEC 2018**

Created various transit-related maps using ESRI ArcGIS products; Analyzed ridership data for a before and after comparison of routes using statistical methods; Evaluated and collaborated on Title VI compliance; Completed origin-destination analyses; Practiced data input and management

### **GIS LAB MANAGER | UNIVERSITY OF WASHINGTON TACOMA | NOV 2017 – AUG 2018**

Helped undergraduates with their GIS coursework; Managed lab computers, laptop inventory, and check-outs;  
Maintained lab organization

### **WILDLIFE GUIDE | JACKSON HOLE WILDLIFE SAFARIS | MAY 2016 – SEPT 2017**

Guided van groups in Grand Teton and Yellowstone National Parks; Interpreted nature, wildlife, geology, and history of the parks

### **FIELD RESEARCH INTERN | TRANSFRONTIER AFRICA | SEPT - NOV 2014**

Redesigned the elephant mark and recapture program; Rhinoceros conservation—tracking locations using telemetry and RFID tags with the use of a drone; Tagged 15 white rhinos with new RFID transmitters; Apex predator fecal collection in the field; Prepared lab samples for analysis

### **ZOOLOGICAL INTERN | POINT DEFIANCE ZOO & AQUARIUM | SEPT - DEC 2013**

Observed and practiced zoo husbandry in the Southeast Asia exhibit; Public Talks

### **REHABILITATION INTERN | SNOWDON WILDLIFE SANCTUARY | OCT 2011 - DEC 2012**

Cared for injured and orphaned wildlife, released back into wild once rehabilitated; Trained new interns and volunteers; Provided public educational lectures with live educational birds

### **VOLUNTEER | 2004 - PRESENT**

Pet Fostering; Point Defiance Zoo & Aquarium Event Assistant; Washington Wildlife & Recreation Coalition (WWRC); Kea Field Research; Gamelan Pacifica; Political Campaigns; Generous Hearts; Community Theatre; Camp Counselor; Seattle City Clean-Up; Festival of Trees; Organization of a Humane Society Benefit Concert

## **Presentations**

- WAURISA 2017
  - Poster: Identifying Locations for Grizzly Bear Release Sites in the North Cascades Ecosystem and the Potential Affected Areas
- AAG Meeting 2018
  - Poster: Wolf Space Use During Recolonization in Northeast Washington and the Effects on Other Large Predator Territories
- WAURISA 2018
  - Presentation: The Effects of Terrain on the Distribution of Arsenic and Lead in Soil in Tacoma, Washington and Surrounding Areas; First Place in the Richard 'Dick' Thomas Memorial Student Presentation Competition