

# Kathryn J Rowe

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Technical Skills	Languages & Technologies: Python (Flask, Django), JavaScript (AJAX, JSON, jQuery), HTML, CSS, Bootstrap, SQL (PostgreSQL, MySQL), ORM (SQLAlchemy), Git/Github, Bash scripting, Testing (Unit, Integration, Jasmine), ChartJS, D3, Vagrant (Linux), Heroku, AWS, Drupal Geospatial: ArcGIS, QGIS, OpenStreetMap Design: Adobe Creative Suite, TileMill													
Projects	<p><b>Tell Me About the Birds.</b> A visualization tool that allows users to explore data about where birds have been sighted, when they are most abundant, and which other species may be present. Stack: Python (Flask), PostgreSQL, JavaScript, HTML/CSS, D3 APIs: Mapbox &amp; DuckDuckGo</p> <p><b>Portfolio.</b> A personal portfolio designed to showcase experience and feature blogs about current work. Stack: Python (Flask), PostgreSQL, JavaScript, HTML/CSS</p> <p><b>Hey Congress!</b> Winner at <i>Impact Hackathon</i>. Worked with a small team to create a central platform where Voters can inform themselves and express opinions about upcoming legislation. Stack: Python (Flask), PostgreSQL, JavaScript, HTML/CSS</p>													
Education	<p>Software Engineering Fellowship, Hackbright Academy, San Francisco, CA, March 2017</p> <p>Master's in Geographic Information Technology, Northeastern University, Boston, MA, 2012</p> <p>Bachelor of Arts - Biology, St. Catherine University, St. Paul, MN, 2007</p>													
Publication	Distribution and Abundance of Freshwater Mussels in the Mid Klamath Subbasin, California Davis, E., David, A., Norgaard, K.M., Parker, T.H., McKay, K., Tennant, C., Soto, T., Rowe, K., and Reed, R. <i>Northwest Science</i> 87.3 (2013): 189-206.													
Experience	<table><tr><td>Salmonid Restoration Federation Aug. 2015 - Aug. 2017</td><td>Project Coordinator • Planned, developed and administered complex information technology systems and applications. • Query and update membership and donor information in CRM database. • Curate Drupal-based website content; create and distribute outreach materials through social media, monthly eNewsletters, and targeted outreach. • Coordinate Redwood Creek Monitoring Program's data collection and analysis. • Worked closely with Executive Director to coordinate statewide technical education events.</td><td>Eureka, CA</td></tr><tr><td>Patagonia, Inc. Oct. 2014 - Aug. 2015 July 2011 - June 2013</td><td>Grants Coordinator &amp; Floor Supervisor • Evaluated grant requests and coordinated the distribution of award money to local nonprofits. • Lobbied in Washington D.C. for protection of Arctic National Wildlife Refuge.</td><td>San Francisco, Boston, &amp; St. Paul</td></tr><tr><td>Sequoia ForestKeeper May - Sept. 2014</td><td>GIS Coordinator • Designed and implemented organization's GIS data storage schema and spatial databases.</td><td>Kernville, CA</td></tr><tr><td>Charles River Watershed Association Dec. 2011 - May 2013</td><td>GIS Intern • Planned, developed and administered complex information technology systems and applications. • Developed report illustrating possible spawning habitat for native fish. • Used LiDAR and City infrastructure data to perform storm water modeling.</td><td>Weston, MA</td></tr></table>		Salmonid Restoration Federation Aug. 2015 - Aug. 2017	Project Coordinator • Planned, developed and administered complex information technology systems and applications. • Query and update membership and donor information in CRM database. • Curate Drupal-based website content; create and distribute outreach materials through social media, monthly eNewsletters, and targeted outreach. • Coordinate Redwood Creek Monitoring Program's data collection and analysis. • Worked closely with Executive Director to coordinate statewide technical education events.	Eureka, CA	Patagonia, Inc. Oct. 2014 - Aug. 2015 July 2011 - June 2013	Grants Coordinator & Floor Supervisor • Evaluated grant requests and coordinated the distribution of award money to local nonprofits. • Lobbied in Washington D.C. for protection of Arctic National Wildlife Refuge.	San Francisco, Boston, & St. Paul	Sequoia ForestKeeper May - Sept. 2014	GIS Coordinator • Designed and implemented organization's GIS data storage schema and spatial databases.	Kernville, CA	Charles River Watershed Association Dec. 2011 - May 2013	GIS Intern • Planned, developed and administered complex information technology systems and applications. • Developed report illustrating possible spawning habitat for native fish. • Used LiDAR and City infrastructure data to perform storm water modeling.	Weston, MA
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