

Kathryn J Rowe

715-554-0498 • kjrowe06@gmail.com • San Francisco Bay Area
in/kathryn-rowe • github: kathryn-rowe • kathryn-rowe-portfolio.herokuapp.com

Technical Skills	<p>Languages & Technologies: Python, JavaScript (AJAX, JSON, jQuery), HTML, CSS, Bootstrap, SQL (PostgreSQL, MySQL), ORM (SQLAlchemy), Flask, Jinja2, Git/Github, Bash scripting, Testing (Unit, Integration, Jasmine), Django, ChartJS, D3, Vagrant (Linux), Heroku, AWS</p> <p>Geospatial: ArcGIS, QGIS, OpenStreetMap Design: Adobe Creative Suite, TileMill</p>																									
Projects	<p>Tell Me About the Birds. 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 & DuckDuckGo</p> <p>Portfolio. A personal portfolio designed to showcase experience and feature blogs about current work. Stack: Python (Flask), PostgreSQL, JavaScript, HTML/CSS</p> <p>Hey Congress! 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	<p>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.</p>																									
Experience	<table><tr><td>Salmonid Restoration Federation Aug. 2015 - Dec. 2016</td><td>Project Coordinator</td><td>Eureka, CA</td></tr><tr><td></td><td colspan="2"><ul style="list-style-type: none">• Queried and updated membership and donor information in CRM database.• Updated and created Drupal-based website content; created and distributed outreach materials through social media, monthly eNewsletters, and targeted outreach.• Quickly and accurately processed hundreds of online payments through PayPal and Quickbooks.• Coordinated Redwood Creek Monitoring Program's data collection and analysis.• Worked closely with Executive Director to coordinate statewide technical education events, including California's largest restoration conference.</td></tr><tr><td>Patagonia, Inc. Oct. 2014 - Aug. 2015 July 2011 - June 2013</td><td>Grants Coordinator & Floor Supervisor</td><td>San Francisco, Boston, & St. Paul</td></tr><tr><td></td><td colspan="2"><ul style="list-style-type: none">• 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></tr><tr><td>Sequoia ForestKeeper May - Sept. 2014</td><td>GIS Coordinator</td><td>Kernville, CA</td></tr><tr><td></td><td colspan="2"><ul style="list-style-type: none">• Designed and implemented organization's GIS data storage schema and spatial databases; redesigned <i>Adopt a Sequoia</i> database.• Used Python (ArcPy library) to automate geospatial analysis.• Prepared and presented final reports for use in litigation and community education.</td></tr><tr><td>Charles River Watershed Association Dec. 2011 - May 2013</td><td>GIS Intern & Water Quality Volunteer</td><td>Weston, MA</td></tr><tr><td></td><td colspan="2"><ul style="list-style-type: none">• Developed report illustrating possible spawning habitat for native fish.• Used LiDAR and City infrastructure data to perform storm water modeling.</td></tr></table>		Salmonid Restoration Federation Aug. 2015 - Dec. 2016	Project Coordinator	Eureka, CA		<ul style="list-style-type: none">• Queried and updated membership and donor information in CRM database.• Updated and created Drupal-based website content; created and distributed outreach materials through social media, monthly eNewsletters, and targeted outreach.• Quickly and accurately processed hundreds of online payments through PayPal and Quickbooks.• Coordinated Redwood Creek Monitoring Program's data collection and analysis.• Worked closely with Executive Director to coordinate statewide technical education events, including California's largest restoration conference.		Patagonia, Inc. Oct. 2014 - Aug. 2015 July 2011 - June 2013	Grants Coordinator & Floor Supervisor	San Francisco, Boston, & St. Paul		<ul style="list-style-type: none">• 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.		Sequoia ForestKeeper May - Sept. 2014	GIS Coordinator	Kernville, CA		<ul style="list-style-type: none">• Designed and implemented organization's GIS data storage schema and spatial databases; redesigned <i>Adopt a Sequoia</i> database.• Used Python (ArcPy library) to automate geospatial analysis.• Prepared and presented final reports for use in litigation and community education.		Charles River Watershed Association Dec. 2011 - May 2013	GIS Intern & Water Quality Volunteer	Weston, MA		<ul style="list-style-type: none">• Developed report illustrating possible spawning habitat for native fish.• Used LiDAR and City infrastructure data to perform storm water modeling.	
Salmonid Restoration Federation Aug. 2015 - Dec. 2016	Project Coordinator	Eureka, CA																								
	<ul style="list-style-type: none">• Queried and updated membership and donor information in CRM database.• Updated and created Drupal-based website content; created and distributed outreach materials through social media, monthly eNewsletters, and targeted outreach.• Quickly and accurately processed hundreds of online payments through PayPal and Quickbooks.• Coordinated Redwood Creek Monitoring Program's data collection and analysis.• Worked closely with Executive Director to coordinate statewide technical education events, including California's largest restoration conference.																									
Patagonia, Inc. Oct. 2014 - Aug. 2015 July 2011 - June 2013	Grants Coordinator & Floor Supervisor	San Francisco, Boston, & St. Paul																								
	<ul style="list-style-type: none">• 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.																									
Sequoia ForestKeeper May - Sept. 2014	GIS Coordinator	Kernville, CA																								
	<ul style="list-style-type: none">• Designed and implemented organization's GIS data storage schema and spatial databases; redesigned <i>Adopt a Sequoia</i> database.• Used Python (ArcPy library) to automate geospatial analysis.• Prepared and presented final reports for use in litigation and community education.																									
Charles River Watershed Association Dec. 2011 - May 2013	GIS Intern & Water Quality Volunteer	Weston, MA																								
	<ul style="list-style-type: none">• Developed report illustrating possible spawning habitat for native fish.• Used LiDAR and City infrastructure data to perform storm water modeling.																									