

Kathryn J Rowe

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Technical Skills	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, Angular, ChartJS, D3, Vagrant (Linux), Heroku Geospatial: ArcGIS, QGIS, OpenStreetMap Design: Adobe Creative Suite, TileMill	
Projects	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, JavaScript, PostgreSQL, HTML/CSS, D3 APIs: Mapbox & DuckDuckGo	
Education	Software Engineering Fellowship, Hackbright Academy, San Francisco, CA, March 2017 Master's in Geographic Information Technology, Northeastern University, Boston, MA, 2012 Bachelor of Arts - Biology, St. Catherine University, St. Paul, MN, 2007	
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		
Salmonid Restoration Federation Aug. 2015 - Dec. 2016	Project Coordinator	Eureka, CA
	<ul style="list-style-type: none">• Worked closely with Executive Director to coordinate and organize technical education events, including California's largest restoration conference.• Coordinated Redwood Creek Monitoring Program's data collection and analysis.• Created outreach materials and distributed them to the community using social media.• Queried and updated membership, donor, and eNewsletter data in Nationbuilder database.	
Patagonia, Inc. Oct. 2014 - Aug. 2015 July 2011 - June 2013	Floor Supervisor, Grants Coordinator, & Intern	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.	
Humboldt Fish Action Council March 2015 - May 2015	Nursery & Field Crew Member	Eureka, CA
	<ul style="list-style-type: none">• Participated in salmonid habitat restoration projects by propagating native plants and writing grants to fund further projects.	
Sequoia ForestKeeper May - Sept. 2014	GIS & Intern Coordinator	Kernville, CA
	<ul style="list-style-type: none">• Designed organization's geospatial database; redesigned <i>Adopt a Sequoia</i> database in Access.• 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.• Assisted in monthly monitoring program to collect baseline water quality data.	
Volunteer		
Redwood Region Audubon Society Sept. 2015 - Dec. 2016	Membership Co-Chair	Eureka, CA
	<ul style="list-style-type: none">• Supported local Audubon chapter's membership by creating and distributing renewal notices, processing online donations, and maintaining membership database.	
Native Plant Society Sept. 2015 - Dec. 2016	EcoNews Editor	Eureka, CA
	<ul style="list-style-type: none">• Compiled and edited articles for local Native Plant Society's newsletter.	