Internship Position – Software / Web Developer
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Description

The Open Water Foundation (OWF) is a nonprofit social enterprise focusing on open source software tools and open data for water resources. OWF is looking for one or more paid student hourly interns to contribute to software for water resources data analysis and visualization, including:

- Evaluate web software technologies for data analysis and visualization
- Write and test web application software including HTML, CSS, JavaScript, React/Angular/View, D3.js, Socrata/CKAN, Tableau, dashboards
- Esri ArcGIS, QGIS, web mapping
- Develop software tools using Java, Python, Git/GitHub, databases, and other tools
- Contribute to water resources projects involving complex issues such as drought, climate change, water supply, and water efficiency analysis

Work Environment

OWF is located in the Innosphere building near Old Town Fort Collins. Interns have the following opportunities:

- Work with staff as a team to perform project/program tasks related to water resources – the ability to work with and communicate with a team is very important
- Use existing and contribute to the development of new software tools for water resources, application of technologies, interaction with software users
- Interact with the water resources community including other organizations working on complex natural resources problems

Requirements

Applicants should have excellent analytical skills, an interest in challenging projects, and be able to provide supporting references. University faculty recommendations and related work experience are highly desirable. Diversity of interests and demonstrated interest in making a positive social impact are desirable. Software development skills in one or more of the following technology areas is required: HTML/CSS/JavaScript, JavaScript libraries, web mapping, JSON, web services, data analytics. Experience with water resources or other environmental fields is desirable. We like to hire students that have first-hand appreciation of water issues, agriculture, recreation industry, etc.

Majors

Computer Science, Systems Engineering, Natural Resources, Statistics, Mathematics, Water Resources Engineering, Business, Environmental Studies or other major with a relevant focus.