

Software & Water Resources Internships

2014-01-19

Contact: info@openwaterfoundation.org<http://www.openwaterfoundation.org>**Description**

The Open Water Foundation (OWF) is a nonprofit social enterprise focusing on open source software tools for water resources. OWF is looking for one or more paid student hourly interns to contribute on a variety of projects. The goal of the OWF internship program is to provide students with valuable and unique experience, contribute to OWF projects, and identify students that are a good fit for full-time employment. See the OWF website for examples of projects. Tasks expected to be performed by interns include but are not limited to:

- Data collection and analysis using Excel
- Data visualization using GIS, Google Earth, Google Maps, OpenLayers and other tools
- Application of Colorado's Decision Support Systems (CDSS) Tools and other software to automate data analysis, modeling, and visualization processes
- Enhancement of CDSS tools
 - Java and Python software development
 - GitHub for revision control
- Development of web applications for water resources and education
- Organizational support
 - Contribute to marketing, sales, and operational activities

Work Environment

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

- Work with technical staff as a team to perform project 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 Innosphere staff and client companies
- Interact with the broader water resources community

Requirements

Applicants should have excellent analytical skills, an interest in challenging projects, and be able to provide supporting references. University faculty recommendations are highly desirable. Diversity of interests and demonstrated interest in making a positive social impact are desirable.

Majors

Computer Science, Systems Engineering, Natural Resources, Statistics, Mathematics, Statistics, Water Resource Engineering, or other major with a technical focus