

Oregon Wild GIS Internship

Founded in 1974, Oregon Wild is a non-profit conservation organization that works to protect and restore the wildlands, wildlife, and waters that make our state such a special place. Our major campaign areas include Wilderness and forest protection, protection and restoration of native fish and wildlife, and the protection and restoration of Oregon's rivers, lakes, and wetlands.

Oregon Wild has a special opportunity for a GIS student interested in gaining experience in the conservation field. This internship, while unpaid, provides an invaluable opportunity to build your career portfolio, and could serve as the basis of a capstone project for a GIS program. In addition to gaining work experience in a conservation advocacy organization, the GIS Intern will receive GIS mentorship, opportunities for outdoor recreation, and networking in the conservation community -- all while supporting the mission of Oregon Wild.

General responsibilities:

This internship is project-based to provide the GIS Intern with completed projects that can be used to build a comprehensive GIS portfolio or to fulfill the requirements of a capstone project. Additional projects will be assigned as time and interest allows.

- Klamath Basin National Wildlife Refuges Tourism and Recreation Map
 - Project Overview: A tourism/recreation map of the Klamath Basin, focusing on recreation in and around the National Wildlife Refuges.
 - Goal: To generate interest in visiting the Klamath Basin and conservation of its National Wildlife Refuges by highlighting recreation opportunities and points of interest.
 - Look and Feel: Classic foldable recreation map -- practical enough for use in the field and attractive enough to display -- that highlights the watershed and the interconnectivity of water in the basin.
- Mount Hood National Forest web map highlighting the history of public lands logging
 - The project would use ESRI Story Maps to temporally show landscapes before and after logging by featuring historical and new aerial photos.
 - The project would require obtaining historical aerial photos from the US Forest Service, scanning them in and georeferencing them. Fine tuning of the before and after imagery would be required to ensure the images do not have obvious seams.
 - The goal is to tell the story and educate the public of just how much logging has happened on the Mount Hood National Forest from the 1940's to the current day.
 - This project may be expandable to show several time periods, including the addition of layers added at appropriate times to show when some areas were protected from logging.

Minimum Qualifications:

Oregon Wild staff, interns, and volunteers care deeply about and work hard to protect Oregon's wildlands, wildlife, and waters. We also make sure to enjoy our work and the values we seek to protect.

Candidates must be proficient in GIS and cartography, including experience using ArcGIS.com as well as ArcMap (extensions like spatial analyst are a plus). This internship is designed for individuals that have an eye for attractive map design as well as the technical savvy of knowing how to georeference scanned aerial photos. This internship is designed for students with at least one year of classes in GIS.

Please provide sample maps/links of previous completed map projects and describe your experience using GIS.

Compensation:

This is an unpaid internship. However, we will work with you to tailor the program to meet your needs for academic credit, capstone projects, and portfolios.

Work Schedule:

Flexible schedule. This internship is project-based and does not require that the intern maintain regular office hours unless he/she so desires. Ideally, the GIS Intern will be available for regular check-in meetings and will have the ability to work independently to complete projects.

To Apply:

E-mail your contact information along with a short cover letter (max. 1 page), resume, availability (dates & hours/week), and sample maps/links of completed map projects.

Please send with the subject line "GIS Internship" to:
Quinn Read
qr@oregonwild.org