



Paid Summer Internship (40 hours per week)

Job Title: Computer Science/GIS intern

Compensation: \$8.50 per hour plus room and board (valued at \$2500)

Dates: June 24- August 16, 2019

Internship Description:

This internship will be working with FLBS personnel to:

- use basic GIS skills (editing, processing, and analyzing spatial data) with environmental data sets. In addition, the intern will have the opportunity to analyze large spatial data within the Google Earth Engine Explorer Tool to investigate how stream channel morphology changes over time in the Pacific Northwest.

This internship will provide opportunities to:

- improve the ease and efficiency of serving spatial data to the greater environmental community through web GIS/tools.
- gain valuable experience in the GIS and have the opportunity to perform spatial analysis in Google Earth Engine.
- work with FLBS ecologists to further enhance our long term spatial database on local rivers.

Qualifications:

- Knowledge of GIS and/or Google Earth Engine
- Knowledge of Python and Javascript
- Knowledge of GIS, DOJO, Python or the Cascade web template is a plus.
- Knowledge of Unmanned Aerial Systems (UAS) and UAS applications (PIX4d, Agisoft PhotoScan).
- Must be a continuing undergraduate student

How to Apply (application deadline: March 1, 2019):

UM students: use Handshake; search for Flathead Lake Biological Station

Non-UM students send a cover letter, resume including contact information for a reference to Monica Elser at monica.elser@flbs.umt.edu