

GIS / Photogrammetry Intern Job Description

Location and Details: Summerside, PEI
40 hours per week at \$15.40/hr

Company: GeoNet Technologies

Located in Prince Edward Island, Canada, and in business since 1994, GeoNet Technologies is a private and locally owned company that provides geographic information production and consulting services for Canadian and international clients. We specialize in electronic nautical chart (ENC) production and topographic mapping. We provide consulting and data services for municipalities of various sizes throughout Atlantic Canada. Our GIS specialists and technicians help organizations optimize their investment in GIS with geodatabase design, data provision, and asset management solutions. GeoNet prides itself on quality customer service.

Position: GIS Intern

We are looking for a hardworking student completing a university degree or college diploma in a GIS or GIS-related field. The student will work with a team of GIS technicians to update topographic maps using photogrammetry software and hardware. This is a great opportunity to develop a unique skill set in 3d topographic mapping. The student may also have the opportunity to assist with ENC production.

Qualifications:

- 1 – Current university or community college student. Preference will be given to final year students given that the contract could be extended into the fall.
- 2 – Experience using GIS software such as ArcGIS and an understanding of GIS procedures, such as digitizing, selecting by location and by attributes, and editing features (merging / clipping / splitting, etc.).
- 3 – Excellent interpersonal and communications skills (written and oral).
- 4 – Familiarity with Python an asset as well as experience with Google Colaboratory.
- 5 – Availability between May 2024 and end of August 2024. This position is onsite in Summerside, PEI. Remote work is not possible.

Responsibilities:

- 1 – Using ArcMap and Summit Evolution (photogrammetry software) to digitize features such as roads, rivers, and buildings.
- 2 – Using ArcMap to complete tasks such as making sure elevation values of river and road vertices are correct and that rivers flow in the correct direction.
- 3 – Using Python scripts and ArcMap to determine whether features are correctly snapped together.

If you are interested in this position, please submit your resume and cover letter to Westley Echlin (westleyechlin@geonet-tech.com). Photogrammetry experience is not needed to apply for this position. Extensive training will be provided for the successful candidate. Applications will be reviewed on a rolling basis.