Long Lake #58 First Nation

209 Otter Street
P.O. Box 609
Longlac, Ontario
P0T 2A0

Tel: (807) 876-2292
Fax: (807) 876-2757

EMPLOYMENT OPPORTUNITY – GIS/MAPPING TECHNICIAN

Long Lake #58 First Nation (LL58FN) community is located along the north shore of Long Lake along Highway 11 and approximately 300 kilometers northeast of Thunder Bay, ON. LL58FN is a member of the Anishinabek Nation and the Matawa First Nation Management Group. It has a large membership with the majority residing in the community and in Thunder Bay, ON.

Job Title: GIS/Mapping Technologist

Location: Long Lake #58 First Nation

Job Summary: The GIS/Mapping Technologist will be responsible for operating specialized computer hardware and software to model, manage, analyze, and display geospatial data. This role involves developing custom software routines, ensuring data integrity, and providing technical support to GIS users within the community. A key aspect of this position is engaging with community members to understand their needs and ensure GIS solutions are tailored to support community development.

Key Responsibilities:
1. **Data Management and Analysis:**
   - Operate GIS software to manage, analyze, and display geospatial data.
   - Perform data entry, editing, and maintenance operations following predetermined calibration procedures.
   - Integrate external software such as spreadsheets and statistical packages with GIS software.
2. **Software Development:**
   - Develop specialized computer software routines and Internet-based GIS applications.
   - Customize geographic information systems to meet the specific needs of the community.
3. **Collaboration and Data Transfer:**
   - Work with external organizations to ensure data transfer and systems compatibility.
   - Collaborate with community members, industry partners, and government agencies to leverage GIS technologies.
4. **Community Engagement:**
   - Engage with community members to understand their needs and incorporate their input into GIS projects.

- Conduct workshops and information sessions to educate the community about GIS applications and benefits.
- Foster strong relationships with community leaders and stakeholders to ensure GIS initiatives align with community goals.

5. **Community Feedback Mechanisms:**
   - Establish and maintain channels for community feedback, such as surveys, focus groups, and public meetings.
   - Regularly collect and analyze feedback to assess the effectiveness of GIS projects and identify areas for improvement.
   - Report back to the community on how their feedback has been incorporated and the outcomes of GIS initiatives.
6. **Technical Support and Training:**
   - Provide training and technical support for GIS users.
   - Assist in troubleshooting and resolving GIS-related issues.
7. **Project Management:**
   - Manage GIS projects from inception to completion, ensuring timely delivery and adherence to project goals.
   - Maintain accurate records of all GIS activities and projects.

Qualifications:

- **Education:** Diploma or degree in Geographic Information Systems (GIS), Geography, Computer Science, or a related field.
- **Experience:** Minimum of 2 years of experience in GIS or a related field.
- **Technical Skills:** Proficiency in GIS software (e.g., ArcGIS, QGIS), database management, and programming languages (e.g., Python, SQL).
- **Soft Skills:** Strong analytical, problem-solving, and communication skills. Ability to work independently and as part of a team. Scanners for digitizing paper maps and documents.
- **Software:**
   - GIS Software: ArcGIS, QGIS, MapInfo.
   - Database Management: SQL Server, PostgreSQL/PostGIS.
   - Programming Languages: Python, R, SQL.
   - Data Analysis: Excel, SPSS, R.
   - Visualization: Tableau, Power BI.
   - Remote Sensing: ERDAS Imagine, ENVI.

Additional Requirements:

- Knowledge of Indigenous communities and cultural sensitivity.
- Valid driver's license and willingness to travel as needed.

Desirable Skills

- Positive attitude and excellent customer service skills
- Good time management and organizational skills.
- Good trouble shooting and critical thinking skills.
- Good verbal, written and computer skills.
- Ability to work in a fast-paced, office environment.

Interested applicants are encouraged to submit a cover letter, resume and references to: <u>careers@longlake58fn.ca.</u>