Geomatics Technician | Niricson Software Inc.

About Us
Niricson Software Inc. is at the forefront of the digital revolution in infrastructure condition assessment and risk management. Dedicated to ensuring the safety of infrastructure, we deploy proprietary damage assessment equipment and software to verify the structural integrity of key structures. Our innovative technology allows data to be collected more safely, efficiently, reliably, and accurately as compared to traditional methods which are laborious, time consuming, costly, dangerous, and highly dependent on subjective human judgement.

About the role
We have an exciting opportunity for you to join our small, driven, geospatial team. As a part of the Geospatial team, in your role as Geomatics Technician, you will be responsible for ensuring the proper collection, quality, organization, and processing of data. You will work closely with the UAV Operations team to ensure that our data standards are maintained. You will also assist in the ongoing development of our processes and maintaining our best practices for Geospatial data management. Additionally, you will also engage with the UAV Operations team and facilitate field operations at their request.

Responsibilities
- Creating orthomosaics using Bentley’s MicroStation to deliver for analysis by machine learning software.
- Collaborating with internal teams to aid in the development of equipment and software.
- Producing 3D photogrammetric models of structures using Bentley’s Context-Capture software.

Required Qualifications
- Degree/diploma in geography, computer science, resource management, or a related field.
- 2+ years of experience in capturing, converting, creating, editing, and maintaining geospatial datasets in a CAD or GIS environment.
- Demonstrate enthusiasm, perseverance, and energy.
- Ability to balance and prioritize responsibilities.
- Willingness to work independently and be self-starter
- Proven creative problem-solving approach and strong analytical skills
Preference may be given to applicants with the following:

- Experience working with CAD software, particularly from Bentley
- Experience using open-source GIS software
- Experience automating workflows and editing geospatial tools using Python
- Experience with UAV-based infrastructure inspections
- Understanding of photogrammetry

**Demonstrated Competencies to be Successful in the Position**

- **Integrity** – keeping your commitments to the team, customers, and Niricson’s stakeholders.
- **Detail-oriented** – The ability to think critically about challenges and design efficient and effective solutions.
- **Work ethic** – A commitment to delivering quality products on-time to clients.

**Contact us to apply**

If you are interested in this role, please apply through this link

We thank all applicants for their interest in career opportunities with Niricson Software but only shortlisted candidates will be contacted for an interview.

**Diversity and Inclusion**

Niricson Software Inc. is a diverse and inclusive equal opportunity employer. We encourage diversity and we thrive on it for the benefit of our employees, products, and our community. We are committed to fostering belonging through a diverse and inclusive workplace. We do not discriminate against any race, gender, religious affiliation, ethnicity or any other demographic - instead, we celebrate diversity.

Job Types: Full-time, Permanent
Pay: Base Salary + Bonus + Stock Options

*If you can demonstrate that you meet the criteria above, please contact us as soon as possible!*