MICHAEL ANDERSON

Transportation GIS Analyst

I am a dynamic GIS Scientist with a strong background in transportation planning and infrastructure development, possessing over six years of experience in utilizing GIS for optimizing transportation systems. With a Bachelor's degree in Civil Engineering and a Master's degree in GIS, I have developed a comprehensive understanding of how geospatial technologies can enhance transportation efficiency and safety.

CONTACT

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EDUCATION

Master of Science in GIS

University of MNO

2016-2020

SKILLS

- GIS
- Transportation Planning
- Spatial Analysis
- Data Visualization
- Project Management
- Stakeholder Engagement

LANGUAGES

- English
- Spanish
- French

💼 WORK EXPERIENCE

Transportation GIS Analyst 2020-2023

City Transportation Department

- Analyzed traffic patterns using GIS to enhance transportation safety by 20%.
- Developed GIS-based models to forecast traffic flow and optimize road usage.
- Collaborated with engineers to integrate GIS data into transportation infrastructure projects.
- Created detailed visual reports for stakeholders to support project proposals.
- Conducted spatial assessments to identify high-risk areas for traffic incidents.
- Trained staff on GIS applications for transportation planning and analysis.

GIS Intern 2019-2020

Regional Planning Commission

- Assisted in transportation planning projects through GIS data collection and analysis.
- Produced maps and visualizations to support regional transportation initiatives.
- Conducted field surveys to gather data for GIS analysis.
- Collaborated with multidisciplinary teams to ensure accurate project deliverables.
- Maintained GIS databases to ensure data consistency and reliability.
- Participated in community outreach efforts to gather public feedback on transportation projects.

★ ACHIEVEMENTS

- Improved road safety by 20% through GIS analysis of traffic patterns.
- Contributed to a regional transportation plan that enhanced public transport accessibility.
- Recognized for excellence in GIS mapping and analysis during internship.