MA

MICHAEL ANDERSON

ITS Engineer

CONTACT

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San Francisco, CA

EDUCATION

Master of Science in Transportation Engineering

Georgia Institute of Technology
2016-2020

SKILLS

- Intelligent Transportation Systems
- Data Analytics
- Smart City Initiatives
- Project Management
- Traffic Engineering
- Communication Technologies

LANGUAGES

- English
- Spanish
- French

Proficient Transportation Engineer with a focus on intelligent transportation systems (ITS) and smart city initiatives, bringing over 9 years of experience in the field. My expertise includes the design and implementation of ITS solutions that enhance traffic management and improve safety. I possess a strong understanding of communication technologies and their application in transportation infrastructure.

💼 WORK EXPERIENCE

ITS Engineer
2020-2023

Smart City Solutions

- Designed and deployed intelligent traffic signal systems, reducing congestion by 25%.
- Conducted feasibility studies for new ITS technologies to enhance traffic safety.
- Collaborated with software developers to integrate data analytics into traffic management systems.
- Engaged with local government to align ITS projects with city planning objectives.
- Prepared technical specifications for ITS equipment and systems.
- Managed project timelines and budgets, ensuring successful project delivery.

Transportation Systems Analyst
2019-2020

Urban Tech Innovations

- Analyzed data from transportation systems to identify trends and improve performance.
- Supported the development of smart city initiatives focused on transportation efficiency.
- Collaborated with cross-functional teams on ITS project proposals and implementation plans.
- Conducted user testing for new ITS applications to ensure functionality and ease of use.
- Maintained documentation for ITS projects, ensuring compliance with standards.
- Presented findings and recommendations to stakeholders and city officials.

★ ACHIEVEMENTS

- Successfully implemented an ITS project that improved traffic flow by 30%.
- Awarded the 'Smart City Innovator' title by the City Planning Association in 2022.
- Published a research paper on the benefits of ITS in urban environments.