



Michael ANDERSON

OPERATIONAL RESEARCH ANALYST

CONTACT

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SKILLS

- Operational Research
- Emergency Management
- Data Analysis
- Project Management
- Performance Metrics
- Training

LANGUAGES

- English
- Spanish
- French

EDUCATION

**MASTER OF SCIENCE IN EMERGENCY
MANAGEMENT, UNIVERSITY OF
MICHIGAN**

ACHIEVEMENTS

- Led a research initiative that resulted in a 30% improvement in emergency response times.
- Received the Research Excellence Award from the Emergency Management Association.
- Published a comprehensive study on resource allocation strategies in emergency settings.

Results-driven Emergency Services Researcher with extensive experience in operational research and emergency management systems. Skilled in applying quantitative methodologies to assess emergency response effectiveness and resource allocation. Proven expertise in collaborating with emergency services to develop data-driven strategies that enhance service delivery and community safety. Strong background in project management, ensuring timely and efficient execution of research initiatives.

WORK EXPERIENCE

OPERATIONAL RESEARCH ANALYST

Emergency Services Optimization Group

2020 - 2025

- Conducted operational assessments to improve emergency response efficiency.
- Developed performance metrics to evaluate service delivery in emergency situations.
- Collaborated with emergency management teams to implement data-driven improvements.
- Utilized simulation models to forecast resource needs during crises.
- Presented comprehensive reports to senior management, influencing strategic decisions.
- Trained staff on the application of operational research techniques in emergency settings.

RESEARCH COORDINATOR

Institute for Emergency Management Research

2015 - 2020

- Coordinated research projects focused on emergency management best practices.
- Managed data collection and analysis for various emergency response studies.
- Facilitated workshops to disseminate research findings to practitioners.
- Collaborated with stakeholders to develop actionable recommendations based on research.
- Supported the development of training modules for emergency personnel.
- Contributed to the publication of research articles in peer-reviewed journals.