



MICHAEL ANDERSON

LEAD WATER RESOURCE ANALYST

PROFILE

Innovative Water GIS Analyst with a robust background in environmental engineering and advanced geospatial technologies. Specializing in the intersection of hydrology and data science, this professional possesses a remarkable ability to transform complex datasets into actionable insights. Experienced in utilizing state-of-the-art GIS software to analyze water distribution systems and optimize resource management strategies.

EXPERIENCE

LEAD WATER RESOURCE ANALYST

GreenStream Technologies

2016 - Present

- Directed GIS analysis for water resource planning and management.
- Developed predictive models to assess the impact of urbanization on water resources.
- Facilitated workshops to educate stakeholders on water sustainability.
- Implemented data-driven strategies to enhance water conservation efforts.
- Collaborated with engineering teams to design water-efficient systems.
- Managed GIS projects from conception through execution, ensuring timely delivery.

GIS ANALYST

HydroTech Solutions

2014 - 2016

- Conducted spatial analysis for groundwater assessment projects.
- Utilized ArcGIS for mapping and analyzing water quality data.
- Assisted in the creation of comprehensive water management plans.
- Performed data validation and quality checks on geospatial datasets.
- Engaged in field data collection to support GIS initiatives.
- Designed and maintained geospatial databases for water resources.

CONTACT

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SKILLS

- water resource management
- geospatial analysis
- environmental engineering
- data science
- stakeholder collaboration
- project leadership

LANGUAGES

- English
- Spanish
- French

EDUCATION

BACHELOR OF SCIENCE IN ENVIRONMENTAL ENGINEERING, STANFORD UNIVERSITY, 2012

ACHIEVEMENTS

- Reduced project costs by 25% through efficient resource allocation.
- Authored a guide on GIS applications in water resource management.
- Recognized for excellence in project delivery by the Environmental Council.