

MICHAEL ANDERSON

Surface Water Analyst

- San Francisco, CA
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Analytical Water Resources Scientist with 4 years of experience in surface water management and flood risk assessment. Proven ability to analyze hydrological data and develop models that inform flood mitigation strategies. Strong communication skills with a focus on stakeholder engagement, ensuring community buy-in for water management initiatives. Experienced in utilizing GIS and remote sensing technologies to monitor and assess surface water conditions.

WORK EXPERIENCE

Surface Water Analyst | Flood Control Agency

Jan 2022 – Present

- Analyzed surface water data to identify flood risk areas, improving community safety.
- Utilized GIS tools to map flood zones and develop risk assessment models.
- Collaborated with local governments to develop flood management plans.
- Engaged with residents to inform them about flood risks and mitigation strategies.
- Prepared technical reports that guided policy decisions on flood control measures.
- Conducted workshops to educate the community on flood preparedness and response.

Water Resource Intern | Urban Water Solutions

Jul 2019 – Dec 2021

- Assisted in data collection for surface water quality assessments.
- Supported the development of educational materials on water conservation practices.
- Participated in field surveys to monitor water levels and quality.
- Collaborated with team members to analyze hydrological data for project reports.
- Conducted literature reviews on surface water management techniques.
- Presented findings to the team, contributing to project development discussions.

SKILLS

Surface Water Management

Flood Risk Assessment

GIS

Data Analysis

Community Engagement

Technical Writing

EDUCATION

Bachelor of Science in Environmental Science

2015 – 2019

University of Washington

ACHIEVEMENTS

- Recognized for outstanding contributions with the Rising Star Award in 2020.
- Contributed to a project that received local government recognition for flood management innovation.
- Developed a community education program that improved flood preparedness awareness.

LANGUAGES

English

Spanish

French