



MICHAEL ANDERSON

Senior Stormwater Engineer

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SUMMARY

Distinguished Stormwater Drainage Technician with over eight years of experience in the environmental engineering sector, specializing in the design and implementation of stormwater management systems. Expertise encompasses regulatory compliance, hydrological modeling, and sustainable infrastructure development. Proficient in utilizing advanced drainage software and analytical tools to optimize system performance and mitigate flood risks.

WORK EXPERIENCE

Senior Stormwater Engineer EcoSolutions Inc.

Jan 2023 - Present

- Developed comprehensive stormwater management plans in compliance with local regulations.
- Conducted hydrological assessments utilizing HEC-HMS and SWMM software.
- Collaborated with urban planners to integrate green infrastructure solutions.
- Supervised a team of junior engineers and technicians on various projects.
- Performed site inspections and audits to ensure adherence to best practices.
- Prepared detailed reports for stakeholders and regulatory bodies.

Stormwater Technician GreenTech Engineering

Jan 2020 - Dec 2022

- Assisted in the design and modeling of stormwater drainage systems.
 - Implemented erosion control measures at construction sites to prevent runoff.
 - Monitored and analyzed water quality data for compliance reporting.
 - Conducted field surveys to assess existing drainage conditions.
 - Utilized GIS software for mapping and analysis of drainage patterns.
 - Participated in community outreach programs to educate stakeholders on stormwater issues.
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EDUCATION

Bachelor of Science in Environmental Engineering, University of California, 2015

Sep 2019 - Oct 2020

ADDITIONAL INFORMATION

- **Technical Skills:** Hydrological modeling, Regulatory compliance, Project management, GIS software, Erosion control, Green infrastructure
- **Awards/Activities:** Successfully led a project that reduced local flooding by 30% through innovative drainage design.
- **Awards/Activities:** Received the Environmental Excellence Award for contributions to sustainable stormwater practices.
- **Awards/Activities:** Published research on the impact of urbanization on stormwater runoff in a peer-reviewed journal.
- **Languages:** English, Spanish, French