

Hydroinformatics Engineer

Opti, a leader in IoT cloud-based stormwater management, is seeking a full-time Hydroinformatics Engineer to support a fast-growing and socially committed “healthier world”, driven company. Opti offers a hybrid work environment based upon trust and transparency. Office based activities are guided by 'work with a purpose' centered on teamwork requirements. At Opti, it's possible to 'design anywhere, build anywhere' given our company lives in the cloud! The Hydroinformatics Engineer position is located in our Boston, MA headquarters or remotely in U.S. time zones.

Overview

At Opti, we are a passionate team of water experts and technologists driven to protect our communities, infrastructure, and the environment from the impacts of stormwater runoff. We believe the stormwater management challenges facing communities today require performance improvements, adaptive capacity, and operational transparency that digital approaches can deliver. Opti is the creator and leading provider of Continuous Monitoring and Adaptive Control (CMAC) solutions. Opti's software products provide solutions to multiple, often competing, stormwater objectives, providing customers with economic savings, resiliency and peace of mind since 2007.

The Hydroinformatics Engineer will be responsible for working with civil and environmental engineering partners and customers to identify and implement solutions utilizing Opti's Continuous Monitoring and Adaptive Control (CMAC) technology.

Responsibilities

Responsibilities of the position include working with partners and customers on the following:

- Identifying project requirements, solution mapping, facilitation of the solution design process and integration of digital solutions
- Quantifying performance improvements through various hydrology and hydraulics (H&H) modeling tools
- Mapping solution design to regulatory requirements
- Software configuration, including simulation and validation that expected behavior will address customer requirements
- Performance data analysis for customer reporting and site optimization
- Collaborate with cross functional teams at Opti across the customer lifecycle

Requirements

- Bachelor's Degree (in Civil Engineering, Environmental Engineering, Mechanical Engineering), preference given to those with Master's degrees

- Minimum of 3 years of experience in H&H modeling, including experience with continuous simulations
- Previous experience using software languages such as Python, R for data analysis
- Self-motivated, resourceful, and eager to develop new skills
- A creative mind and hands-on problem solving abilities
- Good communication skills
- Strong organizational skills and attention to detail
- Exceptional dedication to achieving outcomes

Preferred Candidate Skills

- Experience with public speaking
- Fluency with diagramming, data visualization, and other forms of visual communication.
- Experience collaborating with version control

Current Benefits Summary

Opti offers competitive compensation and an employee-centered benefits package relative to most start-ups, including:

- Competitive base salary and paid time off
- Bonus opportunity based on individual and company performance against goals
- Stock options (awarded to full-time employees)
- Blue Cross Blue Shield PPO/HMO health coverage
- Delta Dental coverage
- 401(K) - voluntary contributions

Please submit your resume to careers@optirtc.com