



H2Ok Innovations/Unilever Field Contractor Co-op

About H2Ok Innovations

H2Ok Innovations is an IoT-enabled operating system for manufacturing and supply chain, focused on industrial fluid systems. Liquid systems are at the heart of industrials, but current methods of managing these fluids are highly inefficient, relying on manual grab sampling. This results in lack of visibility, causing excessive resource costs and inefficient operations. We are rethinking this. At H2Ok Innovations, our system consists of our commodity sensor network, coupled with our secure edge transmission gateways, and ML-based process optimization software. We are building an operating system to bridge OT (operational technology) and IT (information technology) in supply chain, enabling digital solutions to function reliably, viably, and securely in industrial environments. We are servicing major customers including multiple Fortune 500 enterprises and backed by Construct Capital, 2048 VC, Flybridge Capital, 1517 Fund, Techstars, and more. We are based out of Greentown Labs— one of the top cleantech technical communities globally.

At H2Ok Innovations, we have a belief of immense customer obsession. The nature of this role is to take the lead on being a liaison between H2Ok Innovations and our customers: being keenly observant, curious, humble, problem-solving focused, highly creative, growth-mindset focused, flexible, resilient, and relentless— doing whatever it takes to get the job done. We are looking for candidates that fit our team culture, are energized by high-stakes situations, and are drawn toward taking space in a role that allows for great autonomy, a unique ability to shape both the product and the business— as well as the responsibility that comes with that trust. If this is something that attracts you, we would love to see your application.

About this role

We are hiring for a Field Contractor Co-op to be working with our customer Unilever on-site at the factory for Ben & Jerry's Ice Cream. You will in essence be a Unilever and H2Ok Innovations full-time employee. You will be in charge of managing on the ground H2Ok Innovations' implementation with Unilever, bring the deployment to success and completion, and be the on the ground point person for next scaling. We are deployed in the cleaning systems within the Ben & Jerry's production factory, optimizing wash duration to decrease risk of underwashing incidents and cut overwashing, reducing downtime, water usage, chemical usage, and energy usage.

Project Scope

Act as the on-site resource for calibrating and maintaining the sensors, as well as running experimental scenarios to optimize the wash length or confirm the cleaning performance.

Bring the project to a conclusion by implementing a change (such as confirmation of clean, or reducing the washing time) to the operation in Unilever Waterbury Facility.

Troubleshoot and problem solve issues with the system, utilizing local IT specialists and contractors, as well as communicating with H2Ok Innovations engineers.



Once the sensors are calibrated, run 'what-if' experiments on the sensors in collaboration with the supplier.

Develop experiment designs and conduct in field sampling and lab testing for verifying sensing and optimization software results

Work with Unilever facility team in the facility to develop program for converting H2Ok Innovations software insights into factory automated controls

Qualifications

- Technical familiarity or background in either Computer Science, EECS, Computer Engineering, Science, Industrial Engineering, or Mechanical Engineering
- Quick learner
- Excited about hands-on exposure to working with emerging IoT technologies in field environments, as well as working directly with the CTO and engineering team at H2Ok Innovations
- Willingness and excitement to get your hands dirty
- Creative, observant, curious, strongly dedicated and driven, keen at asking good questions, empathetic
- Strong communication skills to the customer and internally within H2Ok Innovations to help inform further product and business roadmap, growth mindset, and strong customer obsession
- Strong problem solving and critical thinking capabilities
- Come to work daily with a positive, friendly, and respectful attitude
- Excitement to bond and learn from other operators in the customer facility

(Optional) Nice to have:

- Experience working with PLCs (programmable logic controllers)
- Experience in process engineering or in manufacturing processes
 - Experience in specifically dairy and food production
- Experience in sanitary lab testing
- Experience in sanitary production equipment

Other details

Waterbury, VT. Occasional travel to Somerville, MA where H2Ok Innovations is based. Potential travel to St. Albans, VT later in the contractor period.

Full time.

Competitive compensation.

Duration: 3-6 months (open to longer if interested)

Start date: as soon as possible

To apply, please send resume to david@h2okinnoations.com and cc careers@h2okinnoations.com