



Hardware Engineering Position

[H2Ok Innovations](#) is an IoT-enabled analytics platform providing data-driven optimization of industrial liquid systems for manufacturing. Liquid and water systems are at the heart of industrial manufacturing, but current methods of managing these fluid systems are incredibly inefficient and archaic, relying on manual grab sampling or monolithic sensors. This results in a lack of data and visibility, causing excessive resource and operating costs, as well as inefficient operations. We are rethinking this approach, with our comprehensive OS system consisting of a network of our capital unintensive sensors, coupled with our ML-based optimization software. We believe in unlocking previously untapped data for our customers—who comprise society's most fundamental sectors—to enable them to gain a competitive advantage on the way they operate and bringing [Industry 4.0](#). We are servicing major customers including Fortune 500 enterprises and backed by 2048 Ventures, 1517 Fund, Flybridge Capital, Techstars, and more.

Job Responsibilities:

- Research & Development of sensor frameworks using CAD and simulation programs
- Manage fabrication and manufacturing on a tight timeline for upcoming deployments
- Work independently on a rapidly changing set of cross-disciplinary projects involving mechanical & electrical components design, software development, and rapid prototyping
- Conduct on-site beta tests with customers

Qualifications:

- Finishing or have at least a bachelors, associates, or advanced degree in Mechanical or Electrical Engineering, or similar discipline
- Systems Integration and Testing
- Proficiency with CAD (SolidWorks or similar program)
- Proficiency in Python, C, and Arduino/microcontroller programming
- Fabrication skills, including machining, 3D printing, and soldering
- PCB design and manufacture
- Demonstrated ability to work successfully in a fast paced team environment/product iteration cycle

Location: Greater Boston Area

- Full time position with competitive compensation

Contact:

Send your resume and application to david@h2okinnovations.com and joseph@h2okinnovations.com