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Hydrogen is the future, we can sense it™

Software Engineer

About H2scan:

H2scan is the world leader in providing solid-state hydrogen sensors. Our sensors are considered the gold standard for improving electrical distribution reliability, optimizing measurements in refinery & petrochemical plants, and are ideal to monitor/measure hydrogen concentration in fuel cells, electrolysis, and hydrogen distribution pipelines to reduce carbon emissions. When you join our team, you will be working side by side with talented engineers, scientists, and manufacturing professionals. You will be developing exciting, cutting-edge products to enable the expansion of the Hydrogen Economy, which is a cornerstone to the planet's decarbonization. From fuel cell vehicles to hydrogen-powered appliances, the opportunities are limitless. We offer highly competitive compensation, a flexible work schedule, and a fast-paced, fun work environment.

Department: Engineering
Status: Full-time; remote, hybrid, or on-site
Hiring Immediately, multiple positions open for this role

Job Description:

The Software Engineer role will bring our world-class electronics and proprietary sensors to life through implementation of robust, reliable, efficient solutions. This role will be relied upon during design phases for new products to ensure software needs are met by the system and hardware designs. Expected to invent creative methods to meet the unique and demanding software needs.

Responsibilities:

- Collaborate with "Sensors Group" to design software solutions
- Collaborate with Production and Manufacturing Engineers to design software solutions
- Participate in development planning and schedule creation
- Develop software integrations for H2Scan products
- Create and execute unit tests to verify functionality of modules
- Participate in code reviews across all product categories to increase cross-team awareness and ensure quality standards are met
- Mentor junior engineers in industry standards for design and implementation
- Work with Product Managers, UX researchers, designers, and other stakeholders

Qualifications:

- 3+ years experience in software development or related fields
- Be able to articulate subject matter expertise in all of the minimum qualifications

- Bachelor's degree in computer science, computer engineering, or electrical engineering, or equivalent practical experience
- Proven track record of delivering solutions throughout all phases of the software development life-cycle
- Experience in .Net (C#) software development
- Experience with Microsoft DevOps tools
- Preferred: Experience with C++ software development
- Preferred: Experience with Python software development
- Preferred: Experience with Java/JavaScript/Node.js software development
- Preferred: Experience with collaboration tools (JIRA, Confluence, Teams)
- Preferred: Awesome communication skills
- Preferred: Experience collaborating closely with product, engineering, and UX teams
- Preferred: Experience mentoring developers

Perks and Benefits:
- Health Insurance benefits
- 401(k)
- Life insurance
- Family leave (parental, maternal)
- Bonuses
- Equity/stock options
- Three weeks paid vacation
- Paid sick days
- FSA/HSA
- Cell phone reimbursement

H2scan is an Equal Opportunity Employer