

Product Development Engineer:

Fluid Dynamics & Sensors

at Tendo Technologies Inc.

Job Type: Full-time



About Us

Tendo is a rapidly growing venture-backed, hardware company based in Princeton, New Jersey transforming how fluids and gases are measured. We are commercializing innovative sensing technology based on Princeton University research that enables extremely accurate flow measurement and control at a fraction of the cost of competing technologies.

Tendo has existing partnerships with several multinational companies seeking to transform their business with game-changing sensor platforms to improve production efficiency and enable compelling consumer products. We are now working to deliver our sensors to our Partners as we scale into advanced product development and production.

Tendo is proud to have an open and collaborative atmosphere, a flexible and creative working culture, as well as a bright and forward-thinking team. Engineers who join our team will enjoy significant autonomy to drive this project forward, and establish best practices for supplier and manufacturing relationships.

We are excited to invite talented individuals to join our team. Help us leverage our unique set of tools and technology to take on the challenges of bringing creative flow solutions to market, solve real-world problems, and develop new cutting-edge technologies and products that will benefit society.

What you will be doing

- Initiate and execute productive R&D efforts
- Formulate and implement test plans, perform evaluation testing, and analyze results
- Engineer and design hardware for new product development and product enhancements
- Communicate with customers to understand their needs and obtain feedback on our products

- Write product documentation including product design specifications, project logs, test reports, instruction manuals, and design evaluations
- Develop quality assessment metrics for products

How we know you can do it

- Knowledge and background in the field of sensors and fluid mechanics
- Have strong ability, and ideally experience, to be a technical leader, to help shape the product and the future of the company
- Excellent problem-solving, analytical, and troubleshooting skills; attention to detail
- Ability to communicate with clarity, conciseness, and confidence; work well both on a collaborative and individual setting
- A self-starter, with a roll-up-the-sleeves mentality; desire to innovate, and work in a hands-on and fast-pace environment
- You are technically curious and tackle problems without giving up
- Excellent oral and written communication skills
- B.Sc. or equivalent in Engineering field, 2+ years of experience is a plus

Qualities that will stand out to us:

- Experience with sensors and sensor systems
- You are an engineering generalist, with good understandings and curiosities of both mechanical and electrical systems
- Hands-on experience with experiment design, laboratory testing, and data analysis
- Project management skills and experience, and willingness to take on some managerial responsibilities
- Relevant work experience
- Knowledge of programming language(s)

What you will get

- Competitive salary + equity package
- Flexible work hours
- A great deal of independence to implement your own ideas
- Unique experience participating in the quick growth of an early stage startup company

To apply, send a cover letter and resume to info@tendo.tech. In the subject line, please indicate “Tendo jobs – Product Development Engineer” and your last name.