

Embedded Software Engineer

R&D: Software | Cambridge, MA

Reports to: Manager, Software Engineering

DESCRIPTION

Role and Responsibilities:

- Design, develop, maintain, verify, and validate software to medical device standards as necessary
- Design, develop, prototype, measure, and test software applications to be used in medical devices
- Rigorous documentation, including design specifications, verification test plans, project schedules, software models, source code, and change orders associated with medical devices
- Interface with the product development team to ensure smooth transfer of products into production

Skills and Experience:

- Experience with professional coding practices, including code review, incremental and unit testing, etc.
- Deep experience designing and implementing wireless communication protocols. Bluetooth and WiFi experience a must.

Qualifications

- Degree in Computer Science, Mathematics, or other relevant discipline
- 5+ years of experience in commercial software development and validation required, with 2+ years in a medical products company pursuing FDA or related product approvals preferred
- Experience in software development through full product life cycle required
- Experience in the development of health care systems preferred
- Knowledge of QSR, ISO/EN and Quality System Standards preferred
- Excellent verbal and written communication and presentation skills
- Ability to work independently in a startup environment



About Portal Instruments

Portal Instruments is a Series B funded medical device company focused on advanced drug delivery and backed by powerful strategic partners and venture investors. We are developing and commercializing a highly innovative needle-free drug delivery platform technology to transform the administration of medicines and improve the patient experience for chronic diseases. Portal's needle-free delivery technology enables the injection of high viscosity biologic drugs without the pain, anxiety and troublesome handling of needles. Our needle-free breakthrough technology is precise, reliable and comfortable to use. Come join us on this exciting journey of making chronic patient care and comfort a priority.

Working at Portal Instruments

- Portal Instruments is looking for unique individuals who want to make a difference in the lives of patients and how medicines are delivered today
- Portal Instruments offers employees the opportunity to work in a fast-paced start-up that values innovation, creativity, accountability, teamwork, and openness while providing excellent leadership and development opportunities
- Portal Instruments is committed to challenging implicit bias and creating an equitable work environment. We are proud to be an equal opportunity employer. All qualified candidates will receive consideration without regard to race, ethnicity or national origin, sexual orientation, gender identity or expression, genetics, military service, age, family status, or disability.
- Portal offers a competitive salary, a comprehensive benefits package, including stock options, a 401(k) retirement plan, a health and dental plan and a chance to make a difference in the lives of thousands of patients.

To Apply: Please submit a resume and cover letter to: careers@portalinstruments.com. You will be contacted if your background meets Portal's needs.