

FASTER & SAFER

CARDIAC ASSESSMENT



Sensydia

Sr Software Development Engineer

Engineering

Full time

Los Angeles, CA (Hybrid)

About this role

Ready to revolutionize the medical device industry with your software expertise? If so, this role at Sensydia is for you. Join our forward-thinking team as a collaborative problem solver, where you'll have the unique opportunity to blend iOS, Linux, and Bluetooth to design and develop software that supports Sensydia's Cardiac Performance System – a device that provides fast and safe cardiac assessment to improve lives of millions of people with compromised heart function.

In this role, you will

- Design, develop, and manage a medical device iOS application and embedded Linux software
- Design and develop Bluetooth communication protocols between iOS and embedded Linux

To be considered, you'll need

- Bachelor's or master's degree in engineering or computer science, and 3+ or 5+ years of relevant training or experience working with iOS, embedded Linux, and BLE software development and deployment
- Proficiency in Swift, Python, MATLAB, embedded Linux, multiprocessing/multithreading software, BLE, BlueZ, and Dbus
- Knowledge of real-time waveform data transmission and plotting in iOS platforms
- Familiarity with signal processing, machine learning, UI design, and medical device software development

Join a rapidly growing company that's democratizing cardiac performance assessment.

Sensydia is a high-performance and high-trust company. We develop great products through excellence in research, engineering, and clinical development. We value talent, diversity, passion, ingenuity, authenticity, integrity, and humility. We value the health of our team members and encourage time for family, friends, and adventure. We believe in teamwork over ego, perseverance over panic, and resolution over blame. We move fast and lean, celebrate our wins, and learn from failure.

Interested in applying? Send your resume to info@sensydia.com