We are Stir, a local technology company focused on creating products that help people do their best work! Our first product, the Stir Kinetic desk launched in 2013 and we just launched our second product this January. We are growing rapidly and are looking for several talented people to join our team this summer to help us advance our products and change the world!!

Check us out at http://www.stirworks.com/

The Stir Embedded Software team is responsible for writing and debugging firmware, device drivers and creating a revolutionary UI/UX system that powers our desks. As an intern, you will work alongside the full time software team to integrate new sensing hardware, develop automated test systems for use in manufacturing and develop a highly intuitive UI system. We have opportunities for Embedded Software Interns to work on Firmware, Applications, and Algorithms.

Embedded Firmware
Our Embedded Firmware Engineers develop, enhance and maintain bootloader, operating system, and device drivers. They work with hardware development engineers to develop and integrate new devices and alongside our contract manufacturing to support diagnostics and operations.

Embedded Applications
Our Embedded Applications Engineers develop, enhance and maintain the application layer software. They work with UI/UX teams on the application interface and user experience behavior.

Data and Algorithms
Our Data and Algorithms Engineers develop, enhance and maintain the onboard and cloud data processing and management, embedded sensor processing and learning algorithm software. They work with our data analysts on future algorithms and machine learning features in our embedded devices.

The work:
- Perform specific responsibilities which vary by team and project

Minimum qualifications:
- Currently pursuing a Bachelor's, Master's or Ph.D. in Engineering, Computer Science, Math or related technical field

Preferred qualifications:
- Experience with Linux strongly desired
- Experience with Qt highly desirable, other UI frameworks may be considered
- Experience with embedded system programming

- Sensor calibration, normalization, integration and data normalization experience a plus
- Familiarity with standard algorithms, data structures, and machine learning techniques
- Understanding of testing methodology
- Excels at problem solving across hardware and software environments
- Excels in a dynamic, fast-paced, customer and market driven environment
- A passion for designing, creating and building things
- Strong communication and time management skills