

## **WiBotic Software Engineering Intern Job Posting**

Are you excited about the emerging world of robots? Are you eager to learn, self-motivated and hard working? Is a fast-paced, high-growth and team-oriented startup the place for you? Then WiBotic might be a great fit.

At WiBotic, you can be a part of dynamic team that is powering autonomous robots around the world. We are building the next generation of intelligent power management systems for drones, ground-based and underwater robots. At this early stage, every person at WiBotic will have a significant impact on the team, our products and our company. Your input and ideas are always valued. If this resonates with you and you have what it takes to join WiBotic, please contact us today!

**We are seeking two internships (starting as soon as possible or for this coming summer) who are energetic and exceptionally talented software engineer to:**

- Contribute to the direction and architecture of our embedded software development.
- Contribute to developing, designing, testing and supporting software designs for our wireless power and fleet-management system, communication systems, app development, and user interfaces used in unique robotic applications.
- Communicate effectively to our business team about priorities, challenges and triumphs.

### **Required Qualifications:**

- Pursuing studies in either Computer Science, Electrical Engineering or Computer Engineering
- Strong C++ and Python programming skills
- Ability to work creatively and analytically in a problem solving environment
- Good oral and written skills for communication and documentation
- Must be a strong team player with great interpersonal skills. Must be able to thrive in a startup environment with minimal supervision
- Must have work authorization prepared or US citizenship

### **Additional Qualifications:**

- Experience using Linux and Linux based development tools
- Bare-metal C++ experience
- UX design and architecture experience
- Experience with web technologies (HTML, CSS, JavaScript)
- Experience with development on small, low-power embedded platforms (ARM)
- Familiarity with wireless RF technologies (e.g., Wi-Fi, Bluetooth, Packet Radios, etc.)
- Familiarity with Git version control
- Familiarity with containers (Docker, Podman, etc.), virtual machines, and serverless computing (AWS Lambda)
- Familiarity with common communications protocols (UART, SPI, I<sup>2</sup>C, CAN, USB)
- Familiarity with firmware debugging tools such as GDB, JTAG, In-Circuit Emulator, scopes and logic/bus analyzer
- Experience with one or more RTOS (e.g. FreeRTOS, uC/OS, Nuttx) and multithreaded programming

**Please email your resume to [jobs@wibotic.com](mailto:jobs@wibotic.com)**