

Embedded Firmware Intern

A candidate currently enrolled in CS, CE or EE BS programs seeking an intern position for part-time work during school and full-time when school is not in session. IPS Group Inc. Parking Systems require skills in many fields and require skilled engineers to work with a wide variety of IoT technologies. Such as communications: Cellular and low power RF such as NFC and BLE, IP protocols, security, encryption, local devices: credit card readers, printers, displays and a number of coin validation and sensors. Must be skilled at debugging and solving hard firmware and hardware problems quickly.

This position is an intern hourly position located at 7737 Kenamar Court, San Diego CA 92121. All state and federal job eligibility requirements must be met as well as your personal skills.

Essential Duties and Responsibilities:

- Design, build, maintain and enhance embedded software and hardware
- Proficiency in C programming
- Develop efficient, standardized code that is well commented and documented
- Familiarity with Atlassian suite of products (Jira, Agile, Capture)
- Experience with GIT distributed version control systems

The Ideal candidate will also possess the following skills:

- Able to work from the direction of a Sr. Team member
- Excellent communications: oral, written, presentation and interpersonal

Education and/or Experience:

- Currently enrolled in CS, CE or EE program
- Must have experience which demonstrates a degree in Computer Engineering or Computer Science
- Must have experience with embedded projects focused on low power
- Must have experience with embedded projects that have no Operating System
- Must be able to show or describe previous work as well as level of involvement in these projects
- Must be a hands-on developer

Physical Demands, Equipment and Machinery

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with qualified disabilities to perform the essential functions.

Ability to perform work on a desktop or laptop computer requiring manual dexterity to operate keyboards, fax machines, calculators, photocopying equipment and multi-line phone. Ability to

sit for long periods of time, concentrate on a task without being distracted and look at a computer screen to see details at close range.

Work Environment

The work environment described here is representative of those that an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with qualified disabilities to perform the essential functions.

The position is in an office. The environment is clean and typically free from dust and hazardous materials. This indoor environment is temperature controlled.

If Interested:

Send resume and brief email cover letter to: careers@ipsgroupinc.com. Include position title in email subject line and include an attached resume.