

## **General Intern Duties and Responsibilities**

As a member of a small team of engineers and researchers, you will be working on core technology in an exciting and fast-paced environment. You will bring your expertise to the table to help build and launch the startup's first commercial product. You will be involved in the day-to-day decision making and you can expect to gain valuable insight into building a new, innovative product. On the hardware side, you will work with the latest telecom technologies such as 4G Cat-M1, BLE, embedded AI algorithms in C++ on the edge and low power electronics. On the software side you will be using cloud computing to manage data broadcasted in real time, apply various types of advanced mathematical algorithms (both traditional and ML based) and display that data to the user. As part of your job, you will have the option to travel across the country to participate in the field testing phases of the project as well. You can expect to learn the ins-and-outs of a funded startup and will gain valuable insight in a highly entrepreneurial environment.

We are seeking motivated, energetic and self-driven interns to help us design and build IoT devices from scratch and to test them both in the lab and in the field. The offer is ideally for a full-time paid internship with a 6 month duration. The start date is flexible but is expected to be around **February/Spring 2021**.

# Front End Engineer

## Job Summary

As a front end engineer, you will help develop a web application that provides real-time data, machine state & condition and operations to remotely control the equipment on the field. You will also develop, analyze and amend a user-focused UX system to help customers better understand and operate their assets.

## Job Responsibilities and Duties

As a member of a very small team of engineers and researchers, you will be working on core technology in an exciting and fast-paced environment. You will bring your expertise on the table to help build and launch the startup's first commercial product. You will be involved in the day-to-day decision making and you can expect to gain valuable insight into building a commercial, user-friendly customer dashboard using the latest technologies including:

- Design, build and maintain web applications
- Troubleshoot and debug issues within existing systems
- Play a part in planning releases with minimum-to-zero user impact
- Commitment to working as a team to solve problems

## Requirements and Qualifications

- Experience in HTML, CSS, JavaScript, Bootstrap
- Experience in .NET, ASP.NET
- Experience in building APIs
- Familiarity with MSSQL or PostgreSQL

## Bonus Qualifications

- Familiarity with Amazon Web Services