

Embedded Engineer

Chicago, IL
Fall 2020



Mesh++ designs solar- and battery-powered mesh WiFi radios and telemetry tools for temporary or permanent outdoor installations. Our intention is to make last-mile infrastructure fully wireless, allowing for simple temporary installations and non-intrusive permanent ones. Mesh++ has completed installations over underserved communities all over the world with the goal of developing a platform that enables anyone to bring internet access to their community.

We are looking for an Embedded Engineer to assist in designing and testing embedded systems, integrating different hardware systems within a product, measuring key performance metrics, developing on embedded Linux, electromechanical design, antenna testing, and ensuring proper design-for-manufacturing of all hardware components.

This is a paid position, \$85-110k annual depending on experience, equity available.

Responsibilities:

- Oversee the development of hardware and firmware systems within current and future products
- Ensure high performance through test rig design
- Work with team members and customers to design new product features and identify potential improvements
- Debug embedded firmware problems
- Design and prototype electrical and mechanical components

Minimum Qualifications:

- Proficiency in computer networking, such as writing basic network applications, and configuring common network hardware such as routers
- Proficiency in hardware prototyping, assembly, and testing
- Familiarity with embedded Linux hardware and firmware systems
- Experience in electronic product design

Preferred Qualifications:

- Experience with OpenWRT/LEDE/DD-WRT
- Experience with common types of antennas and propagation patterns
- Experience designing and prototyping mechanical components
- Willingness to work with users and prospective customers

Please contact danny@meshplusplus.com with resume or questions.