Junior Hardware Engineer

Seattle, WA

Hubble Network was founded with the intention of delivering on the promise of what Internet-of-Things (IoT) was supposed to be. We're building a global Bluetooth network dedicated to machine-to-machine connectivity. We differentiate ourselves as the first modem-less and gateway-less, direct-to-satellite network from off-the-shelf BLE chips. Hubble is ideal for applications in logistics, AgTech, and maritime where economies of scale for volume consumer and enterprise asset tracking is a priority. Our goal is to be the first billion-endpoint-connected network in the world.

Hubble is an early-stage, venture-backed startup supported by some of the best investors in the world. In their previous lives, the founding team has been successful in raising $100s of millions in venture funding, developing the Amazon Sidewalk network, launching billions of dollars of space assets, and leading their teams to successful exits, both through acquisition and IPO. We are now looking to bring on talented team members who are the best at what they do to help us make Hubble a reality for the world.

As a Jr. Hardware Engineer, you will be part of the team that is responsible for the delivery of state-of-the-art hardware, focused on radio payloads that will be integrated into satellites. You will be involved in design, implementation, testing and production of the hardware product. You will work with cross-functional groups on hardware-software integration and test, verify, and document the flight payload.

This is a full-time position based in Seattle, WA.

AN IDEAL CANDIDATE HAS
- *A Sense of Urgency*: Execute on projects from concept to reality, rapidly and effectively
- *First Principles Engineering*: Have a strong understanding of the whys behind the whats; have the ability to extrapolate from first principles to complex system design
- *High Learning Agility*: Love to learn; have a grounded approach to recognizing your weaknesses and take the initiative to brush up on and sharpen your engineering foundations to better collaborate with your teammates with different backgrounds

- ***Design and Analysis***: Understand the requirements flow down process and be able to quickly iterate on evolving requirements
- ***Excellent Communication Skills***: Effectively convey ideas and communicate technical topics; run self-directed design reviews and participate in reviews of parallel systems
- ***Anticipation of Needs***: Identify problems, think creatively, and rapidly produce reliable and cost-effective solutions to meet the ever growing and changing needs of an early-stage company

BASIC QUALIFICATIONS

- Bachelor's or Master's Degree in Electrical Engineering, Computer Engineering, or related discipline.
- Experience with PCB schematic and layout tools (Altium experience highly preferred)
- Experience in the design and layout of embedded board-level designs, such as microcontrollers, SoCs, power management, sensors, and I/O devices.
- Experience in digital or mixed-signal design principles, including designs using processors, FPGAs, operational amplifiers, and filters.
- Hands-on experience with test equipment such as oscilloscopes, VNAs, Spectrum Analyzer, and Signal Generator.
- Expertise in programming languages (Python, C/C++) required for data analysis and test automation.
- Demonstrated ability to work independently in a highly cross-functional role
- Ability to learn new technologies, network protocols and tools rapidly.
- Strong interpersonal, verbal and written communication skills is a must
- Ability and willingness to thrive in a fast-paced, rapidly changing work environment
- Passion for creating state-of-the-art hardware systems

STRONGLY DESIRED

- Embedded C, C++ familiarity and development experience with ARM microcontrollers or similar platforms.
- Experience working with drivers for various communication protocols (especially USB, SPI, I2C, and UART) and system-level integration.
- Experience with wireless IoT (Internet of Things) network protocols (BLE, Zigbee, etc.)

Email christina.recruiting@hubblenetwork.com with your application

and resume.