JUNIOR ELECTRICAL ENGINEER

Posting ID: EM185213FE
Company: Breadware
Position Type: Full-Time
College Major(s): Electrical/Computer Engineering (EE/CpE)

Company Website: https://breadware.com/
Work Location: Reno, NV
Salary: DOE
College Level(s): Graduate Student, Alumni

OVERVIEW

Internet Of Things (IoT) is beyond the hype cycle now, but companies are still failing to develop IoT products on schedule and budget because IoT product development is known to be complex (several parties and resources), expensive (typical 6 to 7-figure budgets), and lengthy (9-month development cycle, minimum). This problem is going to compound further as more and more applications of IoT are being discovered rapidly. Breadware’s IoT Product Lifecycle Management (PLM) Platform has been crafted especially for enterprise customers launching IoT initiatives as a one-stop shop for all IoT product development needs including product development as well as program management. The novel Breadware IP built into our PLM platform significantly reduces typical IoT product development timelines, providing an efficient and intuitive path through new product introduction.

Roles and Responsibilities

Breadware is looking for an entry to mid-level electrical engineer to join the development team, with up-to-date knowledge of hardware, firmware, and software. The ideal candidate would have an interest in technology and the Internet of Things to better design solutions with higher and more relevant impact on Breadware’s clients.

- Designing schematics and layouts
- Using CAD tools to generate renderings
- Soldering/electronics assembly
- Testing/troubleshooting using multimeters, oscilloscopes, etc.
- Writing test firmware
- Prototyping w/ breadboards
- Evaluating manufacturer’s development kits
- Managing prototype circuit board orders

Education and Qualifications

- 2-3 years of Electrical Design experience
- BS in Electrical Engineering or related field
• Developed a working schematic and layout that was sent to production
• Fluent in reading a schematic and layout
• Ability to read and understand a datasheet
• Understanding of electronics and embedded systems
• Product oriented mindset
• Strong problem-solving and troubleshooting skills
• Professionalism regarding time, costs and deadlines
• Ability and willingness to work independently or as part of a team in order to complete tasks on time

Preferred Skills
• Surface mount soldering experience
• Experience with wireless communication design, specifically Bluetooth, cellular, and WiFi

How to Apply
Go to: https://breadware.com/job/junior-electrical-engineer/