

## **Embedded Systems Engineer**

Fortress Power, LLC  
Southampton, PA 18966



\*\*\*Required: Minimum of three years' work experience\*\*\*

Are you a high energy and hands-on engineer? Do you have a passion to bring advanced lithium batteries to millions of homes and businesses around the world? Then we are ready for YOU!

Fortress Power is a fast-growing firm in the energy storage sector with great opportunities for an experienced software engineer!

### **As a Software Engineer, your typical day may include:**

- Support customer to implement Modbus/CAN/ communication with battery system Embedded development on innovative, IOT enabled
- Improve upon existing system's software/firmware
- Support R&D projects to market from software perspective
- Creation and execution of test plans for hardware and software validation

### **Required proficient Skills:**

- Expert knowledge of embedded software and firmware development, including C and C++.
- Ability to read schematics and debug digital hardware using oscilloscope, logic analyzer, or similar tools for troubleshooting.
- Expert knowledge integrating software and hardware using embedded data bus protocols, UART, CAN, SPI, 485, UART, I2C for Microchip, Nordic Semi and ST Micro microcontrollers.
- Experience parsing and assembling of packets for use over the serial data ports on a system that has no RTOS .
- Expert level experience with Microchip embedded tools, E.g. Keil, IAR
- Wireless experience including Blue tooth, Zigbee and BLE is plus.
- Python, Java is plus

### **Qualifications:**

Bachelor of Science in Computer Science, Computer Engineering, Electrical Engineering discipline along with 3+ years of relevant experience and/or the equivalent combination.

- Language, Spanish is a plus.
- Power electric inverter experience is a plus.

**Office location:** Southampton, PA 18966

More company information is available on [www.fortresspower.com](http://www.fortresspower.com)

If interested in this position, please email your resume to [jamieb@fortresspower.com](mailto:jamieb@fortresspower.com)

Job Function: Business Development, Distribution

Company/Industry: Environmental Services, Electronic Manufacturing

Skills: Firmware, Microcontrollers, Embedded Software, Java, Computer Science, Embedded Systems, C++, Python (Programming Language), Electrical Engineering, Troubleshooting