

# דרושים לספקטרוניקס



## FW / Embedded Engineer

- Embedded Engineer with hands on Software Development-Embedded C, RTOS on ST, Electronics Interfacing.
- Development of IoT devices, including BLE, USB, USART, Energy management, etc.
- Embedded Software Development Specialist working within an RTOS environment, across the Full Software Development Lifecycle, exposure to C Language on ST microcontrollers.
- Working with a team that designs and implements software of embedded devices and systems from requirements to production and commercial deployment
- Create detailed requirements and design specifications based on input from product requirements specifications, Develop, Code and Test system
- Develop drivers for hardware components
- Review code and design
- Interface with hardware design and development
- Working in corporation with the software departments in Israel and abroad.

### Job Requirements:

- Degree in qualified in software engineering, or equivalent relevant experience.
- 3+ years in embedded SW development – C/C++
- Ability to translate software requirements into design specifications.
- Experience in heterogenous system including x86, ARM architectures, and Linux kernel and/or embedded system development (e.g., BSPs). Expert practical experience in developing embedded systems software using C (and Assembler where appropriate).
- Experience with real-time control systems or embedded operating systems- knowledge of embedded system hardware peripheral blocks low-level operation (such as GPIO, ADC, DAC, SPI, I2C, UART, etc).
- Practical experience in assisting board bring up and debug using appropriate tools and techniques. Able to debug hardware issues together with the electronics team (e.g. create specific software tests that will exercise certain hardware features)- Practical experience in assisting board bring up and debug using appropriate tools and techniques + ability to read and review electronic schematics