

**Title: Software Engineer**

**Elcom Technologies**, located in Rockleigh, Bergen County, New Jersey, designs, engineers and manufactures state-of-the art RF/Microwave modules and sub-systems for commercial and defense applications. We are seeking a Software Engineer with experience in design of HF / VUHF Tuners / Converters and Receivers.

The candidate will be responsible for software design activities working individually or as a team member and will interface with customers during the requirement refinement and system integration stages.

For additional information on Elcom Technologies, please visit our website at [www.elcom-tech.com](http://www.elcom-tech.com)

**Job Responsibilities:**

- Develop, port, integrate and test embedded Linux components (such as application timers, digital communications Ethernet/SATA, system status tracking & control and event notification)
- Develop top level embedded software architectures
- Write software implementation, unit test, integration and system test plans
- Write the embedded software code
- Perform unit level testing
- Integrate the software with hardware components
- Perform system level testing

**Qualifications:**

- Excellent programming skills in C/C++
- Experience with Integrating software system (FPGA, Controller, Low level Device Drivers)
- Strong knowledge of network protocols (TCP/IP)
- Strong knowledge of software configuration management
- Excellent knowledge of Linux OS and Linux Internals
- Experience of Linux Kernel and Threading/Multithreading
- Good understanding of LCD display and keyboard control.

**Additional Preferred Skills and Knowledge:**

- Embedded UC Linux
- Analog devices Blackfin
- Radio system experience
- SIGINT products experience
- GUI experience a plus

**Basic Qualifications:**

- B.S. Computer Science. Electrical Engineer or Computer Engineering
- 3+ years of experience in embedded Linux system software.
- US citizen
- Able to obtain a security clearance a plus

**Benefits:**

Competitive benefits package including medical, paid vacation, flex-days and more.

**How to Apply:**

For more information or to submit a resume, contact [jobs@elcom-tech.com](mailto:jobs@elcom-tech.com). Please be sure to specify the position which you wish to apply for.