JOBHOLDER ENTRY REQUIREMENTS

* Education: Bachelor's Degree in Computer Engineering or Computer Science required.

Master's Degree in Computer Engineering or Computer Science is preferred.

* Related Experience: This Software Engineer is a professional level position, which typically includes between 3 to 5 years of experience.

* Equipment/Software Skills: A solid foundation in computer science, with strong competencies in data structures, algorithms, software engineering, object-oriented design, and programming techniques with strong C/C++ skills is required.

Industry or academic experience in either wireless protocols or security is preferred (WLAN, WiFi, 802.11).

- RF background should include areas such as RF management, RF-IDS, Airtime fairness, or other RF algorithms to optimize wireless performance.
- Security background should include implementing protocols such as 802.1x, RADIUS authentication or LDAP authentication

Experience with application level software design, implementation and debugging including interprocess communication and multi-threading techniques is required.

Knowledge of TCP/IP, IP protocols, Linux, L2 and L3 protocols, Ethernet switching, networking protocols, especially wireless security protocol, experience preferred.

Familiarity with build systems, Makefiles, and tool chains such as glibc, gcc are preferred, especially with the Linux 2.6 kernel.

Apply online at www.adtran.com/careers for requisition number 413

JOBHOLDER ENTRY REQUIREMENTS

* Education: Bachelor's Degree in Computer Engineering, Computer Science, Electrical Engineering, or Computer Information Science required.

* Related Experience: This Software Engineer is an entry-level position, which may include up to 2 years of experience.

* Equipment/Software Skills: A solid foundation in computer science, with strong competencies in data structures, algorithms, software engineering, object-oriented design, and programming techniques with strong C/C++ skills is required. Familiarity with Ethernet and networking protocols and experience or coursework in any of: embedded software design, implementation and debugging ranging from the driver/interrupt level up to the application level including interprocess communication and multi-threading techniques is preferred. Familiarity with lab test equipment that would be needed to unit or system level test the software component designed is preferred.

Knowledge of WLAN, 802.11, WIFI, L2 and L3 protocols, TCP/IP, and socket programming is preferred.

Apply online at www.adtran.com/careers for requisition number 452
Software Engineer – Front-End Web Developer – Multi-Tenant Wireless Network Management

Location: Burlington, Massachusetts

Position: Full Time with Benefits

Contact: Thomas F. Guevin (hiring manager) – 781.494.1021 or tom.guevin@adtran.com

Wireless LAN (802.11) has become the most popular method to connect devices to the network. Would you like to work for a cutting edge wireless company, where the challenge is monitoring and managing tens of thousands of wireless devices, such as iPads, Android Phones and laptops in a 3-dimensional network? Do you have a desire to develop software with an immediate impact on the end customer and IT administrators? Can you ensure performance and quality while delivering a product that delivers a great user experience? Do you enjoy learning about new technologies, discussing innovative ideas and coming up with next-generation product solutions? If so, you should consider a position at Adtran (http://www.adtran.com).

As a member of the Adtran team, you will be responsible for creating the next Adtran management solution, specific to multi-tenant Web Development. You will be using cutting edge technology like Virtualization to aid in development and deployment of solutions. You should be interested in working on a focused team that has built world-class solutions.

Desired Skills:

- Javascript, CSS, and XHTML skills
- Experience in a web development language – such as Ruby on Rails (preferred), perl, java, python or PHP
- AJAX/JSON frameworks (jQuery preferred, DWR/Prototype ok)
- Experience with Relational Databases (PostgreSQL preferred, MySQL ok)
- Experience with Debugging Tools (Firebug, Web Developer Toolbar)
- Experience with Object Oriented Programming and Design Patterns
- Initiative and the ability to work independently and in a team
- Proven ability to create high quality, scalable and extensible software.
- BS (MS a plus) in computer science.

Nice-to-Have Skills:

- Experience with Visualization Tools (such as Google Maps)
- Experience with HTML5/CSS3
- Business Driven Design, Cucumber, RSpec
- Experience with NOSQL databases (e.g. Redis)
- Experience with C++
- Management and API Protocols (SNMP, XML-RPC, SOAP, REST)
- Experience with open source Network Management Systems (Nagios, Big Brother, Zabbix)
- Experience with Authentication Servers (LDAP, Radius)
- Experience with Networking and Wireless
- Experience with agile software development methodologies like Scrum
- Experience with efficient and high performance new frameworks or technologies

To apply go to http://www.adtran.com/careers and apply for requisition 453 (for 0-2 years of experience) or requisition 448 (for 3-5 years of experience).