

# Power Systems Academic Initiative Job Board

North America

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## Internships/Co-ops

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Canada: ON BC

New postings for the week of June 18 are below.

Previously posted jobs are listed by State.

Job Title	Company	City, State	Posted
<b>CALIFORNIA</b>			
<a href="#">View</a> 2019 – Summer – RAS Security & Privacy Intern	RSM US	San Francisco, CA	Nov 29
<b>GEORGIA</b>			
<a href="#">View</a> Fall 2018 IT Co-op/Internship	Norfolk Southern	Atlanta, GA	Jan 30
<b>TEXAS</b>			
<a href="#">View</a> Junior RPG Programmer Intern 	Manhattan Life Insurance	Houston, TX	Jan 8

**Job Title****Company Name and description**

**IT Internship**  
**Job ID:**

[Good Year Tire](#), Akron, OH

Goodyear offers paid internships to qualified active students. Experiences include challenging hands-on opportunities and professional networking in the select field. The term of the assignment can be either a full-time 10-week summer internship or a one-year internship, consisting of full-time work over the summer and part-time work during the school year. These positions fall within many areas of Goodyear's IT departments, such as: Manufacturing Operations, Quality Management, Tire Specifications, Retail Point Of Sale & Operations, SAP, IT Infrastructure, Web Operations, Data Warehousing and IT Auditing. The goal of this program is to build a pipeline of candidates for Goodyear's IT Development Program which is designed to develop graduates into future leaders through broad exposure to various business disciplines.

**Education and Qualifications**

Qualified candidates must:

- Have a 3.0 GPA or higher
- Be actively pursuing a Bachelor's Degree in Computer Science, MIS, Computer Information Systems, Computer Engineering or other Business related disciplines
- Have the ability to complete at least one internship assignment prior to graduation
- Demonstrate leadership and growth potential
- Have excellent written and oral communication skills
- Be detail oriented with superior analysis and problem solving skills
- Be a fast learner who is able to keep up with the rapidly changing technological field
- Have the ability to thrive in a team environment
- Excel in project management skills
- Be able to self-manage

**Other Information**

Qualified candidates must also:

- Be capable of interacting with all organizational levels, ranging from entry-level associates to Goodyear's senior management.
- Be a U.S. citizen or legally authorized to work full-time in the U.S. prior to program entry

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Job Title	Company Name and description
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[2019 – Summer – RAS Security and Privacy Intern](#)

Job ID: REQ2886

Posted: November 8, 2017

[RSM US](#) San Francisco, CA

We are currently looking for Consulting Interns for our Security and Privacy Advisory practice. The candidate will work with teams of security and privacy staff in a wide variety of systems environments. Our Security and Privacy Risk Advisory Services team serves the Information Security and Data Privacy related needs of our clients. This team assists clients with selecting, improving, controlling, securing, managing and monitoring the appropriate systems to address their information needs. We serve a diverse base of clients in a variety of industries, and understanding how technology impacts the operation and growth of organizations is what we do best.

Security and Privacy Interns provide quality consulting services to the Firm's clients by performing the duties and responsibilities listed below in an efficient and effective manner.

**Examples of Responsibilities Include:**

- Assess security of client networks, hosts, and applications
- Determine technical, business impact and likelihood of identified security issues and provide remediation guidance to clients
- Perform analysis and testing to verify the strengths and weaknesses of mobile and web applications and web services (SOAP, WSDL, UDDI)
- Perform Internet penetration testing using blackbox and whitebox methodologies
- Review application code, system configurations and device configurations using manual and automated techniques
- Measure and report clients' compliance with established industry or government requirements
- Work with RSM consulting professionals with a variety of credentials including Certified Ethical Hacker (CEH), Certified Information Systems Security Professionals® (CISSP®); Certified Information Systems Auditor® (CISA®) and Certified Information Security Manager® (CISM®)

**Basic Qualifications:**

- Pursuing B.A. or B.S. degree or equivalent from an accredited university by the time employment commences
- Major in Computer Science, Information Technology, Information Systems Management, Information Security or other similar degrees
- Minimum 3.0 GPA preferred
- Travel to assigned client locations is required. Must have access to and ability to arrange for use of reliable modes of transportation to those locations
- Technical background in computer science and related fields
- Strong knowledge of computer network technologies, protocols and topologies
- Software development, programming and/or scripting experience (Perl, Python, C, Java, PHP, ASP, etc.)
- The ability to interpret and convey technical information through written and oral communications to all levels of technical aptitude, including senior management
- High degree of integrity and confidentiality, as well as ability to adhere to company policies and best practices
- Possess a strong internal drive and motivation for continuous improvement

**Preferred Qualifications:**

- Practical hands-on or lab experience with IT infrastructure components such as servers, firewalls, IDS systems and other network infrastructure components
- Practical hands-on or lab experience with security applications, such as a

AppScan, Metasploit, BurbSuite, Nessus, Social Engineering Toolkit, Kali Linux, etc., or other commercial and public domain security tools

- Operating system configuration and security experience (HP-UX, Linux, Solaris, AIX, etc.)
- Configuration and security experience with web servers and web applications (Apache HTTP/Tomcat, Microsoft IIS, Sun One, Oracle iPlanet, IBM WebSphere, etc.)
- Database Configuration and Security experience (MySQL, Microsoft SQL, IBM DB2, Sybase, Oracle, etc.)
- Familiar with security testing techniques such as network discovery, port and service identification, vulnerability scanning, network sniffing, fuzzing, penetration testing, configuration reviews, firewall rule reviews, social engineering, wireless penetration testing and password cracking

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Job Title	Company Name and description
<p data-bbox="110 212 505 239"><a href="#">Junior RPG Programmer Intern</a></p> <p data-bbox="110 247 201 275">Job ID:</p> <p data-bbox="110 317 370 344">Posted: January 8, 2018</p>	<p data-bbox="610 212 1127 239"><a href="#">Manhattan Life Insurance</a>      Houston, TX</p> <p data-bbox="610 275 1528 512">We are a growing 2.2 Billion in Assets with 400 employees company. We have been using IBM iSeries® for over 30 years. Most applications are written in RPG. We are implementing a modernization project to make all the 5250 screens be Web Pages and move all RPG Code to RPG free using SQL methods to access DB2 databases. We are also about 80% done with building a data warehousing system using DB2 Web Query and SQL Tools for reporting. Applicant would be working under the direction of our Senior Programmer in charge of the project.</p> <p data-bbox="610 548 1235 575">Contact JD Williams at <a href="mailto:jwilliam@manhattanlife.com">jwilliam@manhattanlife.com</a></p> <p data-bbox="643 617 980 644"><a href="#">Return to job postings</a></p>

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[Fall 2018 IT Co-op / Intern](#)

[Norfolk Southern](#)

Atlanta, GA

Job ID:

Posted: January 30,2018

As a co-op/intern within our Information Technology Department, you will have the opportunity to be involved with the development of a variety of enterprise web applications and with existing systems enhancements to help facilitate train operations. You will also be working on enhancing unique and exciting systems that support business operations including train management and control systems, geographic information systems and maps, complex event management, customer support systems and may include support, trouble-shooting and problem resolution skills.

**Network Systems**

- Complete requests for voice and data connectivity
- Work on multiple projects with your teammates.
- Be entrusted with independent assignments.
- Preferred Skills: Knowledge of LAN/WAN network connectivity, 802.11 wireless, PBX systems, and VISIO is desirable.

**Open Enterprise Services**

- Write C/C++, Perl, and shell scripts
- Develop web-based applications
- Register and install Linux servers
- Create technical documentation of newly developed systems
- Preferred Skills: Visio, Java, HTML, PHP, Perl, SQL, Linux, Apache web server, JBoss, or experience with web development

**Positive Train Control**

- Participate in all steps of test plan development and testing methodology for a revolutionary safety technology
- Possible development tasks involving the creation of testing tools and testing automation
- Preferred Skills: HTML, Java, JavaScript, HP Quality Center, or VISIO

**SIMS**

- Participate in application testing
- Develop DB2 LUW databases and ad hoc queries
- Update Uniface and C programs
- Write scripts in the AIX platform
- Analyze data and report results to management
- Required Skills: JAVA, Linux or Unix, SQL, C
- Preferred Skills: C++, Perl/Shell Scripting

**TYES Application Development**

- Develop and debug applications
- Construct new screens and enhance existing screens in .NET
- Map workflows and document test script results
- Monitor, resolve, and report the status of projects and trouble tickets
- Required Skills: Knowledge of C#, VB, .NET, SQL and/or UNIX

**Content Manager**

- Perform Java and C# programming to support our content management and GIS systems
- Develop and maintain client-server and web applications
- Required Skills: Knowledge of Java and experience or significant coursework in data structures is needed

### **Distributed Systems**

- Write C/C++, Perl, and Kornshell scripts
- Develop web-based and SharePoint applications
- Register and install Unix servers
- Create and maintain project plans
- Preferred Skills: Visio, Java, HTML, PHP, Perl, SQL, SharePoint, Apache web server, Tomcat, or web development

### **E-Commerce**

- Enhance, customize, and debug existing web and mobile applications
- Required Skills: Java, JavaScript, HTML
- Preferred Skills: DB2 SQL, EXTJS, Ant, Gradle, or Git. Knowledge of SDLC, QA testing, application test scripts, or high-level understanding of system design and architecture.

### **ENAA**

- You will be primarily responsible for production support issues.
- Assist with back office web development
- Stub out application components using .NET
- Enhance and customize existing applications
- Required Skills: .NET, C#, and WPF
- Preferred Skills: SQL, Java, JSP, JavaScript, or HTML

### **Enterprise Wintel Services**

- Server building/decommissioning
- Exchange and Active Directory
- Application development and installs
- Required Skills: Good organizational and documentation skills
- Preferred Skills: Experience with Windows Server, VMWare ESX, C#, or .NET

### **Information Security**

- Remediate unhealthy ePO agents
- Investigate high malware devices
- Complete variance database management, asset health, and other checks
- Provide situational awareness to management
- Required Skills: General knowledge of security concepts and tools

### **Education/Experience**

- Bachelor's/Master's Degree
  - Preferred Degree Paths: Computer and Information Sciences, Computer Engineering, Management Information Systems and majors in a similar field of study will be considered
- Knowledge and experience in some of the following areas: C, C++, J2EE, Ajax, JavaScript, XML, VB.NET, C#.NET, Java, DB2, Oracle, MS SQL Server, SSIS , or SSRS.

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