

# 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 January 15 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>NORTH CAROLINA</b>			
<a href="#">View</a> Technical Support Professional – Intern, Spring	IBM	RTP, NC	Jan 4
<b>OHIO</b>			
<a href="#">View</a> IT Audit Intern	American Modern Insurance Group	Amelia, OH	Oct 24
<b>TEXAS</b>			
<a href="#">View</a> Junior RPG Programmer Intern 	Manhattan Life Insurance	Houston, TX	Jan 8
<b>UTAH</b>			
<a href="#">View</a> Intern – Application Support Analyst	Zions Bank	West Valley City, UT	Nov 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**

[IT Audit Intern](#)  
**Job ID: 1644BR**

[American Modern Insurance Group](#)

Amelia, OH

Posted: October 24, 2017

The IT Audit intern will assist with the planning, execution, and reporting of multiple technology audits as well as assist with the continuous IT controls testing required for MARSOX regulatory reporting. This role is expected to actively contribute to group discussions on the state of the audits and the audit department and to offer suggestions on quality improvement, scope refinement, risk assessment strategies, and better coordination within Internal Audit, as well as with the Information Technology department, the Regional Data Center, and the rest of American Modern. The IT Auditor intern reports directly to the IT Audit Senior.

**Responsibilities:**

- Leverage the COBIT 5 framework to design effective work plans for systems and processes
- Works with management in order to gain understanding of the audited processes
- Documents audit results in accordance with established audit standards
- Identifies, documents and develops recommendations for control deficiencies
- Establishes and documents agreement with management by working through audit issues
- Offers value-added recommendations to management regarding internal controls
- Collaborates with Financial/Operational auditors to complete integrated audits
- Develops tools and processes to enhance effectiveness and efficiency of audit activities
- Environments include: MSSQL, Oracle, zOS & UNISYS mainframes, AIX Unix Servers, Windows Servers and Active Directory, SAP, PeopleSoft, and Guidewire to execute audit procedures

**Qualifications**

A preferred candidate has experience with insurance industry auditing, understands the connection between IT controls and business process controls, is generally familiar with the Open Systems Interconnection model (OSI) and its relationship to IT controls, and is comfortable translating technical concepts into relatable discussions for non-IT personnel.

- Familiar with audit and control concepts, including knowledge of application and infrastructure security and general information technology process controls
- Analytical skills, including the ability to assess complicated, interrelated situations and to look for the larger picture surrounding a given issue in order to make value-added recommendations
- Comfortable working with the advanced functions of Microsoft Word including template management, and working with large amounts of data in Microsoft Excel
- Strong written and presentation skills to effectively document results and articulate meaningful recommendations to management

**Education/Experience:**

- Pursuing degree in Management Information Systems, Computer Science, or a related field
- Experience with insurance companies is preferred
- Data analytics experience, specifically with ACL, greatly preferred
- SAP, Guidewire, PeopleSoft, MSSQL, Oracle, AIX Servers, zOS and UNISYS mainframes, or Windows Servers experience is preferred

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Job Title	Company Name and description
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[Intern – Application Support Analyst](#)  
**Job ID: 039188**

Posted: November 8, 2017

[Zions Bank](#) West Valley City, UT

Zions Bancorporation is currently seeking an intern to work with the Distributed Systems Application Support Engineers for the Banking Application Support group. The intern will assist with the functions of the team and be assigned a mentor to work with.

This team interfaces with Service Desk and IT personnel, Operational Analysts, developers, QA Testers, Business Analysts, vendors and customers to ensure thorough analysis of incidents and business circumstances involved.

Activities of the team include production infrastructure support, troubleshooting, incident analysis and testing to identify the possible cause of incidents; determining the appropriate course of action to resolve the issues with minimal business disruption, and establishing processes to ensure application availability.

**Qualifications**

- Currently pursuing a degree in Information Technology, Computer Science, Business or related degree
- Ability to utilize application knowledge to effectively troubleshoot, diagnose and resolve problems
- Strong analytical skills
- Good communication skills

The successful candidate should also have knowledge and/or interest in the following:

- Version control systems and concepts
- Web servers (apache and WebLogic), html, web-based information security theories, web services, concepts and techniques
- AIX, Solaris, WebLogic, WebSphere, Oracle and DB2 database technologies, SQL and BladeLogic
- Web-based information security theories, concepts and techniques
- Java based web applications
- Unix operating skills to validate code
- Application development, IT infrastructure personnel, and/or business systems analysis

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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
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[Technical Support Professional – Intern, Spring 2018](#)  
**Job ID: 122062BR**

Posted: January 4, 2018

[IBM](#) RTP, NC

This position is specifically looking for actively enrolled college students interested in a Co-op where you specialize in performing and enabling remote technical support within Cloud Support specifically in the area of Connectivity & Integration which include such products as WebSphere MQ (WMQ), IBM Integration Bus (IIB), WebSphere DataPower, & API Connect on multiple Operating Systems, virtual, and cloud including: AIX, HP-UX, Linux, Solaris, Windows and z/OS. We are looking for candidates who are self-starters, quick learners, and who enjoy working in a challenging, fast paced environment. Members of our team work with the worlds leading companies in industries including Banking, Commerce, Insurance, social media, transportation and governments as they enable their mission critical business applications via the web. Responsibilities include providing remote technical support assistance to our clients using Problem Determination (PD) and Problem Source Identification (PSI) skills. Our software engineers work in teams to learn and enhance their technical and communication skills. They collaborate with other IBM enterprise software product teams located throughout the world to diagnose root cause of problems and assist the customer in determining a resolution. In addition to determining recommendations for problem resolution, our engineers communicate action plans to our clients to ensure that the client is satisfied with steps towards resolution or the problem's root cause. Our engineers continually flex their programming & technology skills through driving problem resolution using improvements to existing and/or new technical support tools, procedures, and processes which can often include examining source code, providing feedback to development for product improvement, creating test cases, creating tools or providing debug modules to our clients. This opportunity will provide real world experience in a high performing environment, helping set you up for future opportunities as you work towards graduation.

**Required Technical and Professional Expertise**

- At least 1 year experience with Distributed Operating Systems including Windows & Linux

**Preferred Technical and Professional Experience**

- Experience with one or more of the following: Java, C, C++, PHP, Python, HTML, XML, JavaScript, Node JS, Swift
- Analytical Skills
- Software Development Skills
- Problem Solving and Communication Skills

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Job Title	Company Name and description
<p><a href="#">Junior RPG Programmer Intern</a></p> <p><b>Job ID:</b></p> <p>Posted: January 8, 2018</p>	<p><a href="#">Manhattan Life Insurance</a>      Houston, TX</p> <p>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>Contact JD Williams at <a href="mailto:jwilliam@manhattanlife.com">jwilliam@manhattanlife.com</a></p> <p><a href="#">Return to job postings</a></p>