

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 November 13 are below.

Previously posted jobs are listed by State.

Job Title	Company	City, State	Posted
COLORADO			
View IT Intern	Xcel Energy	Denver, CO	Nov 8
MARYLAND			
View Intern Technical	Leidos	Gaithersburg, MD	Oct 2
NEW JERSEY			
View Technology Summer Intern Program	TD Bank	Mount Laurel, NJ	Sept 18
MINNESOTA			
View Software Engineer Intern	Thomson Reuters	Eagan, MN	Aug 30
OHIO			
View IT Audit Intern	American Modern Insurance Group	Amelia, OH	Oct 24
UTAH			
View 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
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[Technology Summer Intern Program](#)

Job ID: 173280BR

Posted: September 18, 2017

[TD Bank](#)

Mount Laurel, NJ

TD Technology offers a 10 week Summer Intern Program in our New York Mount Laurel, NJ, Wilmington DE and Falmouth ME offices. Our interns will get an opportunity to experience what it is like to work in Technology at one of the largest financial firms in North-America.

Candidates will be participating in a program where they will get a wide range of TD Technology experiences and exposure to a variety of IT Areas and Businesses. The program provides an on-boarding curriculum, mentoring, training, and on the job experience in the core activities of TD Technology. Our interns begin the program with a comprehensive training program including a unique 3 day orientation program with all summer interns from across our footprint.

Preferred Qualifications

- Currently in Junior year of college – Pursuing a Bachelor’s degree in Computer Science, Engineering, Math, Business Technology Mgmt or Technology Sciences.
- Strong conceptual, analytical and problem solving skills; preferred knowledge of SDLC & PMLC.
- Excellent verbal & written communication with ability to work effectively in a team environment
- Ability to develop good business relationships with customers, business partners and stakeholders
- Preferred familiarity and strength in any of the following: C, C++, C#, Object C, Java, Java Script, Python, Ruby, SQL, J2EE, Web Services, .NET, VBA, FPML, XML, HTTP, WSDL, Linux, Unix, Perl, Oracle, AIX, Windows, DB2, FIX Protocol.
- Must have US Citizenship or Permanent Residency status

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Job Title**Company Name and description**[Intern Technical](#)**Job ID: 643846**

Posted: October 2, 2017

[Leidos](#)

Gaithersburg, MD

Leidos is seeking a **Software Engineer** who will be a member of a dynamic team working on the Federal Aviation Administration's En-Route Automation Modernization (ERAM) technology, which is the heart of the Next Generation Air Transportation System and the pulse of the National Airspace System helping to advance our transition from a ground-based system of air traffic control to a satellite-based system of air traffic management. ERAM is vital to the future of air navigation, providing the foundational platform required for FAA to enable NextGen solutions, via modernization programs such as System Wide Information Management, Data Communications, and Automatic Dependent Surveillance- Broadcast. ERAM will provide benefits for users and the flying public by increasing air traffic flow.

FlightDeck (FDK-HMI) functions include:

- RealTime Programming on High Availability Systems
- Multi-threaded programming
- Low Level Operating Systems Customization (RedHat, AIX)
- Low level communication software (TCP-IP, UDP, SCTP)
- Support of Common Services utilized by ERAM Application teams
- System Maintenance Concepts

Responsibilities:

Working both as a member of a team and independently the successful candidate will be:

- Modernizing the AT control system by improving the availability and performance of the ERAM system.
- Supporting ERAM as it continues to migrate ERAM from the AIX operating systems to Linux. Detailed knowledge of Linux OS and OS concepts desirable.
- Optimizing the experience for the flying public, Air Traffic Control, and the airline industry by improving the collaboration and decision-making capabilities of flight controllers
- Developing and maintaining the FAA air traffic control display software within the object oriented environment (primarily Ada95/C++) on a UNIX/Linux platform.
- Performing software development as needed for the ERAM system
- Coordinate Solutions with Systems Engineering
- Coordinate the development of new capabilities and upgrade to common services provided the applications via the FlightDeck API

Qualifications:

TYPICAL EDUCATION AND EXPERIENCE: High school education or equivalent and 1+ years of related experience.

Candidates must be enrolled in a degree program in a relevant discipline.

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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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[IT Intern](#)

Job ID:

Posted: November 8, 2017

[Xcel Energy](#)

Denver, CO

The applicant must be energetic and competent, and willing to commit to a minimum 18-month part-time internship rotation program with Xcel Energy Information Technology organization. The length of the rotation could be extended to adjust to the intern's graduation date. The applicant's graduation date must not proceed the completion date of the internship rotation program.

Must currently be enrolled in an accredited college or university and pursuing an undergraduate degree in the field of computer science, management information systems, computer engineering, engineering, mathematics. Must be a current student. No graduate student applicants, please.

- Junior standing or will be junior status in next few months.
- High academic standing - GPA of 3.2 or higher
- Proficient knowledge of Microsoft Office suite applications (Word, Excel, PowerPoint, Access)
- Strong work ethic and initiative
- Ability to work well in a team environment
- Strong written and verbal communication skills
- Any experiences with the following technologies would be desired - Windows, UNIX (*AIX and Linux*), TCP/IP Cisco (*routers and switches*), Korn/Born/C shell scripting, C/C++, Java, SQL Server, SQL/PLSQL, Oracle, OSISoft® PI, Hadoop, SAP Lumira, Tableau, D3, Python, JavaScript, Pig, R, SAP HANA, Hive, Teradata

Qualifications

Summary

Xcel Energy has an opportunity for a long-term rotational internship with the Information Technology organization. This unique internship will offer access to work with several departments. The successful candidate will gain insight and exposure to the elements of how the IT business works. Over the course of 18 months of part-time employment (20 hours weekly), the intern will work with the following groups:

IT Service Delivery - how does IT contribute to company results (business objectives and goals as well as strategic planning)

Enterprise Application - how technology application is developed and maintained (enterprise application and infrastructure footprints, including interdependencies and reliability expectations, multi-source model, vendor management, hiring selection process)

Governance - how are all technology needs identified, prioritized and managed (basic financial processes and principles, value vs. risk trade-offs and project lifecycle)

IT Technology Operations - what is the infrastructure that enables technology and how that technology and infrastructure is maintained (design, planning, installation and maintenance for IT infrastructure including hardware, software, data center components, data, voice, radio, microwave and video communications)

IT Security - The intern will support the IT Security group and have the opportunity to learn about, observe and participate in their daily activities and processes. The processes include IT security policies and standards, IT regulatory compliance and IT security controls testing, Cyber security, critical infrastructure protection, corporate systems and data protection, security monitoring and incident management. As well as security access administration, critical and non-critical systems recovery planning, testing and recovery management in the event of system failures.

Business Intelligence- The intern will support the BI Analytics department with all analytical needs as well as the opportunity to assist in implementation of a big data system. Responsibilities will include gathering reporting

requirements, assisting with the development of new reports using a variety of tools. Assisting with assignments from various business areas and learning new data sources. Learning different tools such as Business Objects, Teradata, JMP, Lumira, Hadoop.

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