SYSTEM INTEGRATION I (TECHNICIAN)

Department: Systems Management
Location: Montreal, Canada
Status: Full-time
Date Posted: 01/29/2019

Are you interested in joining an organization that:

- Has over 30 years of experience providing innovative software simulation solutions in the Air Traffic Management (ATM) and Air Traffic Control (ATC) fields?
- Provides products and services to governments, colleges and universities, and defense and civilian ATC agencies worldwide?
- Offers a pay-for-performance compensation structure, tuition reimbursement, and access to various professional development opportunities?
- Has work/life balance programs in place and offers a holistic benefits package that is fully customizable based on your specific needs?

If this sounds interesting to you, continue reading about our job vacancy below.

The System Integration I Technician is responsible for supporting and maintaining the labs and testbeds environment. This includes providing support to members of the Test Specialist and Product Specialist teams. The System Integration I Technician ensures test bed system availability by installing and configuring software builds, maintaining test system hardware, and developing scripts that automate installation and configuration processes. They are responsible for implementing automation process for redundant installation and configuration deployment tasks. The System Integration I Technician will be responsible for performing and documenting results for hardware and 3rd party software qualification, installation, and configuration. The System Integration I Technician will help track and monitor the hardware obsolescence trends and recommend alternatives or mitigations.

The System Integration I (Technician) is responsible for the delivery of the following:

Labs and Test Bed Facilities
- Establish and maintain the labs and test bed facilities:
- Integrates new software deliverables with existing customer configurations and deployment software on Adacel's test systems in order to support the company's test efforts.
- Oversees test systems planning and maintenance in support of new and existing products.
- Administers test systems servers and collaborates with the Technology department as needed.
- Develops troubleshooting and diagnostic tools for Adacel's test systems.
- Collaborates with Engineering to automate software installation and configuration.
- Collaborates with Engineering on the Configuration Management process.
- Maintains and updates security patches on test systems for Information Assurance.
- Documents test systems, networks, and configurations in Adacel's knowledge base software.
- Collaborates with Engineering and other Operations teams on the production of metrics and reporting.

Manage Hardware
- Perform the equipment qualification process to make sure that new (or replacement) equipment meets system specifications.
- Help track and manages hardware obsolescence, follows trends and provide proactive recommendations and strategies for mitigation, upgrade and avoidance of obsolescence.
- Communicate information on hardware evolution that may modify the roadmaps.
- Assists the Integration Specialist II with preparing BOM's and system layouts, as necessary.

Installation Methods & Tools
- Help develop, test and documents installation methods, processes and tools to ensure that the solution is deployable in a sustainable, maintainable and effective manner.
- Help develop and implement automation process for installations and configuration redundant tasks.
- Validate and maintain the product installation methods and procedures and keep technical specialist informed.

Support
- Supports the Technical Specialist (TS) during systems integration (staging) before shipping, as required and as required when systems are being deployed to the field.

Qualifications:
Required
- Diploma of College Studies (D.E.C).
- Knowledge installing and integrating complex hardware and software systems based on Microsoft and Linux OS.
- Knowledge of hardware and software system integration.
- Knowledge of Linux applications and distributions (Centos, Red Hat, Fedora, etc.).
- Knowledge configuring and troubleshooting Windows/Linux Ethernet networks.
- Knowledge of writing scripts (AutoIt, Bash, Batch, Python, Perl etc.).
- Strong knowledge of computer hardware repair, troubleshooting, and configuration.
- Working knowledge of AutoCad, SketchUp, and/or Visio software.
- Strong problem-solving skills, solution driven and eager to take on difficult tasks.
- Good written and verbal communication skills.

Desired
- Experience with sourcing components and communicating with suppliers.
- Knowledge/experience with virtualization and hypervisors.
- Knowledge of following domain-specific topics: Air Traffic Management, Air Traffic Controller (ATC) training, ATC simulation, speech recognition, etc.).

Other Qualifications:
- Ability to adhere to Adacel's Drug Free Workplace Policy.
- Ability to pass an Adacel background check while employed.
- Ability to travel up to 25% annually.
- Must currently have or can obtain a U.S./Canadian passport.
- Must be able to pass a security background check (if requested).

The duties, responsibilities, and qualifications noted in this job posting were derived from Adacel's System Integration Specialist job description dated January 18, 2019.

Physical Requirements:
- Minimal physical effort (e.g. lifting, pushing and moving heavy objects).
- Occasional lifting – less than 25 lbs.
- Repetitive wrist, hand, and finger movement.

Work Environment:
- Alternative work schedules (9/80 or 4/10).
- Normal office environment.
- Occasional airline and car travel.
- Typically sitting at a desk.

How to Apply:
- You may apply by sending a copy of your resume to careers@adacel.com.

Adacel Inc. is an Equal Opportunity employer. All qualified applicants will receive consideration for employment without regard to age, civil status, disability, ethnic origin, language, political convictions, pregnancy, race or color, religion, sex, sexual orientation, social condition or gender identity or expression.

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