



## LEAD, TEST SPECIALIST (AI)

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**Department:** Operations – Project Support Services

**Location:** Montreal, Quebec, Canada

**Status:** Full-time

**Date Posted:** 01/16/2020

### **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 **Lead, Test Specialist** ensures that members of the Test Specialist team successfully verify System and Software Requirements prior to delivery to the Product Specialist team for final System Validation. S/he is expected to have a good understanding of all Adacel products. The Lead, Test Specialist ensures that Test Specialist team resources are efficiently allocated to tasks in order to meet project deadlines.

### **Duties and Responsibilities:**

- Provides timely and efficient employee performance and status reports to the Manager, Operations as well as providing performance evaluations and guidance to team members.
- Advises the Manager, Operations on task allocation, resource assignment and scheduling for his/her direct reports.
- Conducts initial interviews of candidates for vacant positions and makes hiring recommendations.
- Suggests and implements performance and process improvements in line with Adacel's values (Innovation, Communication, Teamwork, Customers and People) and themes (Efficiency, Consistency and Innovation).
- Participates in System and Software Requirements definition and review.
- Creates estimates to assist the Project Management and Proposals groups.
- Works with the Engineering development team to perform software and system implementation and verification testing.
- Supports the Engineering development team with the development of software and hardware functionality as part of an integrated agile team.
- Creates detailed test verification specifications and traces those test cases to system and software requirements.
- Utilizes testing expertise to assist with the creation of requirements, design, operation and verification of new product developments.
- Provides metrics and reports on integration testing throughout the development process.

The duties, responsibilities, and qualifications noted in this job posting were derived from Adacel's Lead, Test Specialist job description dated July 1, 2017.

- Implements and configures automated test tools and testing infrastructure.
- Coordinates with members of the leadership team on current work status and scheduling to ensure that work is completed in a timely and efficient manner.
- Maintains files in compliance with Quality Assurance and ISO requirements.
- Assists with documentation of product features, internal process documents and reports.
- Reviews and modifies content located in Adacel's knowledge base software.
- May be required to perform the following duties and responsibilities:
  - Assisting customers with the resolution of issues relating to system use, scenario creation, simulator performance, configuration and utilization. This includes:
    - Troubleshooting, isolating, and resolving issues.
    - Coordinating hardware shipments with the Logistics department.
    - Tracking hardware that has been shipped.
    - Utilizing product testbeds for issue replication and analysis.
  - Coordinating site surveys at various sites to gather airport environment/operations data.
  - Defining and constructing the simulation environment using simulator tools, product knowledge and Air Traffic Control subject knowledge.
  - Assisting the Product Specialist team in the preparation and execution of System Validation Testing, Factory Acceptance Tests and Site Acceptance Tests.
  - Assisting with Client Demos and Tradeshow.
- Performs other duties as assigned by Supervisor.

#### **Required Qualifications:**

- High School Diploma or equivalent.
- 6 years of experience working in the Software Development or Software Testing field.
- Previous experience working with defect tracking software tools and requirements management tools.
- Advanced knowledge of Windows Operating Systems.
- Intermediate hardware, networking, maintenance/repair skills.
- Knowledge of Microsoft Office products such as Word, Excel, PowerPoint, and Outlook.

#### **Desired Qualifications:**

- Bachelor's degree in Computer Science or a related field.
- Good knowledge of Adacel's products and services.
- 3 years of previous leadership/management experience.
- Previous UNIX and/or Linux experience.
- Good knowledge of the AGILE/SCRUM methodology.
- Knowledge of Aviation and/or Air Traffic Control practices and concepts.
- Experience with Scripting languages such as Python or equivalent.
- Knowledge of simulation or training systems.
- Software testing certifications (such as those offered by ISTQB or ASTQB).

#### **How to Apply:**

- You may apply by sending a copy of your resume to [careers@adacel.com](mailto: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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