



Test Specialist

Department: Operations
Location: Montreal, Canada
Status: Full-time
Date Posted: March 22, 2021

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, telecommuting 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 **Test Specialist** will assist with the verification of the System and Software Requirements prior to delivery to the Product Specialist Team for final System Validation. She/He will work closely with the other Test Specialists, coordinating with the Engineering development team and may also be required to assist the Product Specialist team.

Responsibilities:

1. Learns to become proficient in the use of the major Adacel Product lines and knowledgeable regarding their functions and specification.
2. Works with the Engineering development team to perform software and system implementation and verification testing potentially as part as part of an integrated agile team.
3. Creates detailed test verification specifications and traces those test cases to system and software requirements.
4. Provides metrics and reports on integration testing throughout the development process.
5. Assists with the implementation of automated test tools.
6. Coordinates with the Lead, Test Specialist on current work status to ensure that work is completed in a timely and efficient manner.
7. Maintains files in compliance with Quality Assurance and ISO requirements.
8. Assists with documentation of product features, internal process documents and reports.
9. Reviews and modifies content located in Adacel's knowledge base software.
10. May be required to perform the following duties and responsibilities:
 - a. Assisting customers with the resolution of issues relating to system use, scenario creation, simulator performance, configuration and utilization. This includes:
 - i. Troubleshooting, isolating, and resolving issues.
 - ii. Coordinating hardware shipments with the Logistics department.
 - iii. Tracking hardware that has been shipped.
 - iv. Utilizing product testbeds for issue replication and analysis.

- b. Defining and constructing the simulation environment using simulator tools, product knowledge and Air Traffic Control subject knowledge.
 - c. Assisting the Product Specialist team in the preparation and execution of System Validation Testing, Factory Acceptance Tests and Site Acceptance Tests.
 - d. Assisting with Client Demos and Tradeshow.
11. Performs other duties as assigned by Supervisor.

Required Qualifications:

- High School Diploma or equivalent.
- 2 years of experience working in the Software Development or Software Testing field.
- Previous experience working with defect tracking software tools and requirements management tools.
- 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.
- 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.

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.