

# TEST SPECIALIST I

Location: Orlando, Florida, US

Job Status: Full Time

Date Posted: 02/12/2024

## Position Summary:

The Test Specialist I assists with the verification of the System and Software Requirements prior to delivery to the Product Specialist Team for final System Validation. S/he works closely with the other Test Specialists, coordinating with the Engineering development team and may also be required to assist the Product Specialist team. The Test Specialist I is not expected to have in-depth knowledge of Adacel Products but is expected to gradually become well-rounded in their knowledge of all Adacel products in a progression to Test Specialist II.

Testing:	Verification Testing
Products:	Familiarization with Adacel Product Lines
Level of Communication:	Intra-Team
Process:	Execution of Company Process
Employee Development:	Personal Professional Development
Project Role:	Execution of Project Tasks

## Essential Duties and Responsibilities:

- Learns to become proficient in the use of the major Adacel Product lines and knowledgeable regarding their functions and specification.
- Works with the Engineering development team to perform software and system implementation and verification testing potentially as part of an integrated agile team.
- Creates detailed test verification specifications and traces those test cases to system and software requirements.
- Provides metrics and reports on integration testing throughout the development process.
- Assists with the implementation of automated test tools.
- Coordinates with the Lead, Test Specialist on current work status 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.
- 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.

## Supervisory Responsibilities:

- None.

## Competencies:

- **Alertness:** Learns quickly; is comfortable when having to incorporate new information; is quick-witted; demonstrates intellectual abilities.
- **Conceptual Analysis:** Considers a variety of factors; has different interests; wants to understand a number of different areas; likes theory as well as conceptual and abstract topics.
- **Critical Thinking:** Thoroughly analyzes situations; seeks more information; validates the information that is provided; has a critical mind.
- **Perseverance:** Does not give up easily when problems arise; perseveres in dealing with difficulties; stays focused on long-term objectives in spite of setbacks.
- **Time and Priority Management:** Uses time efficiently; properly determines priorities; remains focused on more urgent and important tasks; knows what to put aside without compromising results.

## Qualifications:

### Required

- 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.

## Desirable

- 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).

## 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 be a U.S. citizen.
- Must currently have or have the ability to obtain a U.S. passport.
- Must be able to pass an FAA background check.

## Physical Requirements:

- Occasional lifting – up to 50 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.

## Benefits:

- Paid vacation and sick time.
- 401K plan.
- Healthcare.

## How to Apply:

- You may apply by accessing the following link: [\[Click Here\]](#)

## About Adacel:

Established in 1987, Adacel is a publicly traded company listed on the ASX. The company plays a significant role in global air space safety. A world-leader in its industry, Adacel applies cutting-edge technologies to develop advanced air traffic control simulation and training systems and state-of-the art air traffic management solutions. Adacel's customers include international air navigation service providers (ANSPs), military, defense & security organizations, universities, and airport authorities. More than 21% of the world's airspace is managed with Adacel's Aurora ATM software. MaxSim Tower Simulator and Training systems lead the industry with the highest number of installations worldwide. MaxSim is also the first ATC simulation system in the world to deliver Virtual and Mixed Reality training capabilities into the classroom. Adacel's latest flagship system, REVAL, a digital Air Traffic Control (ATC) tower system delivers a wide spectrum of digital tower operational solutions, from consulting services to system design, development, deployment, and support. For more information, please visit [adacel.com](http://adacel.com).

Adacel Technical Services, Inc. is an Equal Opportunity/Affirmative Action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, and protected veteran status. color, religion, sex, sexual orientation, gender identity, national origin, disability, and protected veteran status.

## Disclaimer:

This job description reflects management's assignment of essential duties and responsibilities. It does not restrict the duties and responsibilities that may be assigned. Reasonable accommodations may be made to enable individuals with disabilities to perform essential duties and responsibilities. If this job has a travel requirement, note that the frequency of travel may increase at any time due to adjustments in Adacel's business needs.