



**Lead, Engineering**  
**Orlando, FL**

Adacel Systems, Inc. ("ASI") produces simulation and training systems for commercial, defense and export markets. ASI offers a comprehensive range of fully scalable customizable simulation systems from desktop trainer to complete 360-degree room-sized Air Traffic Control tower environments. We provide professional ATC training simulation systems for governments, universities and civilian air traffic control agencies worldwide.

The Lead, Engineering oversees the functional activities of the ASI Engineering team, provides a primary point of contact for the daily activities of that team, and is responsible for all aspects of the development and implementation of projects. S/he is considered an acknowledged expert who plans, schedules, and coordinates software engineering project phases on new and existing products. S/he ensures adherence to quality standards, reviews project deliverables, and tracks and provides status. The Lead, Engineering provides technical and analytical guidance to project teams, makes recommendations and acts to direct the analysis and solutions of problems.

**Responsibilities:**

- Supports the initiatives of the Manager, Engineering to accomplish department-wide goals.
- Provides budgetary needs of the department for the upcoming fiscal year.
- Discusses and reports regularly on status of ongoing and projected projects.
- Recommends development of internal training plans and procedures.
- Ensures team adheres to Adacel processes, policies, and procedures.
- Confers with the Manager, Engineering to coordinate resourcing and technical solutions.
- Stays up-to-date with all projects and provides guidance, support, and mentoring to the team.
- Provides input and recommendations to the Manager, Engineering, as required, for goal setting, performance reviews, addressing of performance or discipline issues, and recognition or awards.
- Leads the team initiative to pass external audits related to CMMI and ISO (re)certification.
- Optimizes Engineering processes by recommending improvements to policies and procedures to the Adacel Process Group (APG).
- Supports, promotes and contributes to Manager, Engineering's branch progression plan.
- Works with Product Management and Subject Matter Experts to identify and clarify requirements.
- Supports the Business Development and Program Management departments with their sales and tradeshow efforts.
- Performs SCRUM Master functions on identified projects and ensures the team's adherence to Adacel's Agile methodology.
- Provides required status (ETC projections, schedule deviations, risk and resource issues) to the Manager, Engineering, Project Lead and Program Manager.
- Schedules, tracks progress and budget, and coordinates software projects to ensure successful delivery within Engineering's stated Estimate at Completion (EAC).
- Promotes the stability and quality levels of the products.
- Coordinates Root Cause/Impact Analyses.
- Provides input to the CCB regarding work scope, fix/defer decisions, and RTM candidates.
- Assists in "Tier 3" Engineering support of customer problems to resolve defects in fielded systems.
- Performs software coding, testing, and support, as required.

- Ensures relevant documentation across multiple products with no supervision and provides mentorship across multiple CSCIs, as needed.
- Defines the software architecture and ensures that the design adheres to the architecture on assigned product lines.
- Performs other duties as assigned by Supervisor.

### **Required**

- Bachelor's degree in Computer Science, Engineering, or a related field.
- Previous successful Software Development and Lead experience.
- Knowledge of software architectures and design methodologies.
- Knowledge of applicable programming languages.
- Knowledge of applicable frameworks, libraries, and API's.
- Knowledge of Microsoft Office products such as Word, Excel, PowerPoint, and Outlook.
- Problem identification, analysis and solving skills.
- Excellent critical thinking, technical and leadership skills.
- Excellent communication, mentoring and relationship building skills.
- Ability to drive initiatives and produce results.
- Straight-forward, highly ethical, self-effacing, professional and able to listen to others.
- Familiarity with the AGILE/SCRUM methodology.

### **Desired**

- 7 years of successful Software Development and Lead experience.
- Knowledge of domain-specific topics including Visuals and Image Generators, simulation, and speech recognition

### **Other Qualifications:**

- Ability to adhere to Adacel's Drug Free Workplace Policy.
- Ability to pass an Adacel background check while employed.

### **Physical Requirements:**

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

### **Work Environment:**

- Alternative work schedules (9/80 or 4/10).
- Normal office environment.
- Typically sitting at a desk.

If you are looking for an exciting, progressive company that offers challenges, a friendly and casual work environment, competitive salaries, excellent [health, dental, short and long-term disability, life insurance, 401(k)] plans, and much more, please send your resume to [careersusa@adacel.com](mailto:careersusa@adacel.com). Adacel Systems, 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 or protected veteran status.