Title: SOFTWARE ENGINEER JOB DESCRIPTION

Job Summary:

The Software Engineer is responsible for developing, maintaining, testing, and controlling acquired or developed software used by AddiTec or software used in products designed and manufactured by AddiTec. The successful incumbent will utilize coding skills to actively support AddiTec product innovation on a real-time, fast prototyping basis. In addition, this position will manage the software development life cycle for in-house developed software and will ensure that software configuration items are controlled.

Duties and Responsibilities:

- Develops and executes programming fixes for software driving AddiTec-developed products.
- Manages AddiTec website content and updates.
- Troubleshoots, debugs and upgrades existing systems, as directed.
- Maintains active software list inventory.
- Develops AddiTec software solutions by studying information needs; conferring with users; studying systems flow, data usage, and work processes; investigating problem areas; and following the software development lifecycle.
- Integrates software components including human/machine interface.
- Prepares software requirements and design specifications and determines operational feasibility.
- Develops flowcharts, layouts and documentation to identify requirements and solutions.
- Writes well-designed, testable code in accordance with industry coding standards.
- Procures licensed software by obtaining required information from vendors; recommending purchases; testing and approving products.
- Conducts testing to verify that software meets specified requirements.
- Develops software verification plans and quality assurance procedures.
- Maintains knowledge current with the state-of-the art in pertinent metal AM software technologies including AM process modeling and simulation.
- Provides written and verbal progress reports to responsible management.

Qualifications:

- Bachelor of Science degree in computer science or equivalent.
- Ability to program in C++.
- Knowledge and experience with HTML for website maintenance.
- Minimum two years of experience in software development and maintenance.
- Enthusiastic, detail oriented, and willing to learn and grow in the emerging metal AM field.
- Experience in CNC coding a plus.
- Experience in working with simulation and modeling software tools a plus.
- Experience in developing human/machine interfaces a plus.
• Able to read the English language at a high school level.

**Working Conditions:**

The incumbent will work in an office environment using standard office equipment. Occasional work in a shop environment may be required necessitating use of protective equipment, as directed.

**Physical Requirements:**

Work involves repetitive computer key strokes. No additional physical requirements apply.

**Reports To:** Director of Operations

**Location:** Las Vegas, NV

**Application Details:** Please forward resume and cover letter to info@additec.net.