ADDITIVE MANUFACTURING TEST ENGINEER - INTERN

Posting ID: IN20313592

Company: Additive Technologies LLC

Company Website: http://www.additec.net

Work Location: Las Vegas

Position Type: Full-Time, Part-Time

Salary: $20/hr

College Major(s): Mechanical Engineering (ME), Electrical/Computer Engineering (EE/CpE)

College Level(s): Undergraduate-Junior, Undergraduate-Senior, Graduate Student

OVERVIEW

Additive Technologies LLC (dba: AddiTec) was founded with the goal to innovate how large metal structures are manufactured. After years of extensive research, testing and improvement, AddiTec systems are now helping the customers on solutions for 3D printing metal parts from prototypes through mass production.

AddiTec is seeking an Additive Manufacturing Test Engineer Intern to join its business unit and be a part of the transformative journey. The intern will be appointed to the company headquarters [Las Vegas] for a summer work position. The intern is expected to work with the Additive Technicians to achieve the established realistic yet challenging goals, engage in daily work activities, and hands-on learning.

The Additive Manufacturing Test Engineer- Intern will support AddiTec’s product development, helping to ensure that systems developed undergoes rigorous testing & develop 3D printing methodology. In this position the intern may design, model and print additive samples; set-up and run AM builds, and evaluate printed or deposited parts through metallography, microscopy and other material characterization techniques.

Roles and Responsibilities

Work with new machines from installation through production optimization via troubleshooting, calibration, and maintenance, while developing standard operating procedures and production baseline parameters.

Maintain machine build schedule, prioritize test prints, and provide projected completion date of projects.

Apply knowledge of engineering and scientific principles to develop, design, analyze, test, and validate results of 3D printing methodology.
**Education and Qualifications**

Current enrollment as a junior or higher in a degree program related to Mechanical or any Engineering discipline

US citizenship or legal right to work in the US, including authorization to work off campus

Experience with Rapid Prototyping/Additive Manufacturing industry and technologies

Demonstrate critical thinking, analytic skills and problem solving

Must be able to work on multiple projects at one time and be results-oriented

Aptitude with design tools, computer-aided design, data analysis, and process design

Strong attention to detail and problem-solving skills

Excellent oral & written communications skills

Proficiency in 3D modeling software is a plus

Ability to operate a CNC machine is a plus

Experience in software development and maintenance is a plus

**Preferred Skills**

3D printing; Slicing software; Manufacturing operations, Aptitude and ability to use experimental engineering techniques & data analysis; Material testing

**How to Apply**

Please submit resume to: tilip.thiyagarajan@additec.net