

Student Internship: Additive Manufacturing Assistant

Overview

The UNO Office of Research, GE Renewable Energy/LM Wind Power, and the National Center for Advanced Manufacturing (NCAM) are seeking **three** motivated students each semester to assist with additive manufacturing duties. The students would provide support for NCAM and GE Renewable Energy/LM Wind Power in developing additive manufacturing (3D printing) capability, improving industry-academia relationships, and conducting general educational outreach activities.

The ideal candidate would be an undergraduate majoring in Engineering or Computer Science. The position offers approximately 20 hours a week per student at \$15/hour.

Applicants must provide proof of full vaccination. Normal working hours are 7:00 AM – 4:00 PM Monday through Friday. Applicants must not have been born or be citizens of any country on the [NASA Designated Countries](#) list.

Responsibilities

- Work with GE Renewable Energy to develop an in-depth understanding of the Additive Manufacturing (AM) process. This understanding includes not only understanding the AM process itself, but the entire process of material testing, validation, and qualification tests to bring an AM material into a production environment.
- Support the development of the necessary business, engineering, and supply chain practices that will allow the AM machines located at Michoud to be utilized by multiple sources including Entrescan customers, NASA, current Michoud shared tenants, and educational institutions.
- Operate and maintain the prototype AM machine to support fabrication of coupons for material characterization testing. Support collection and analysis of data from process trials and tests to further the understanding of new and existing materials.
- Support industry-academia and educational meetings that help extend the additive manufacturing network within Louisiana. Potential work assignments include supporting technology summits, maintaining and communicating with an AM network through monthly newsletter and website updates, and developing and fabricating AM sample parts.
- Preferred skills of should include some or all of the following: CAD design (NX, Solidworks), programming (C#, C++), Excel, electrical systems.

Requirements

- An undergraduate student at the University of New Orleans
- Available to work at least 20 hours a week
- Must be permanently eligible to work in the United States
- Student must be enrolled in a degree seeking program and meeting Satisfactory Academic Progress
 - Undergraduate students must be enrolled at least half-time (six hours) during fall and spring semester

- Graduate students must be enrolled at least half-time (five hours) during each fall and spring semester
- Student must have a current, completed FAFSA form on file with the University.
- Student must be able to work in-person in New Orleans. Remote work is not permitted.

Apply

To apply, submit your resume and a cover letter via our [online application](#).