

Student Internship: Scale Innovations

Overview

The UNO Office of Research, Scale Innovations, and the National Center for Advanced Manufacturing (NCAM) are seeking a motivated student intern to assist with advanced manufacturing duties. The position will remain open until filled.

The student would provide support for NCAM and Scale Innovations in developing advanced manufacturing capability, improving industry-academia relationships, and general educational outreach activities. The ideal candidate would be an undergraduate major in engineering or material science. The position offers approximately 20 hours a week at \$15 an hour.

Responsibilities

- Work alongside Scale Innovations' team of designers and fabricators to develop an in-depth understanding of the product design and prototyping process. This understanding includes not only understanding the development process itself, but also the various tools and techniques employed throughout.
- Support the fulfillment of orders for 3D Printed parts across a variety of different technologies (SLA, SLA, CFF, ADAM). This includes preparing files for printing, operating machines, as well as processing and inspecting completed parts.
- Contribute to research and development projects related to practical application of new design techniques and production methods (i.e. generative design, machine learning, and end-use printed parts).
- Learn the fundamentals of 3D CAD/CAM and apply knowledge on internal and client projects.
- Candidates should be willing and able to work in a fast-paced, hands-on environment.
- Must be permanently eligible to work in the United States.
- Enrollment Status of Students Eligible for Employment - 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 to be eligible for employment.
- Student must be enrolled in a degree seeking program and meeting Satisfactory Academic Progress.
- Student must have a current, completed FAFSA form on file with the University.

Preferred:

- Comfort with 3D CAD/CAM software.
- Experience with 3D printers, material testing.
- Experience with microcontrollers like arduinos.

Apply

To apply, email your resume and a cover letter to Julie Landry, the office manager for the UNO Office of Research, at jelandr1@uno.edu.