



TECHNICAL INTERN

FALL 2024, CINCINNATI, OHIO

JOB RESPONSIBILITIES

- *3D printing operation including preparing and loading materials, setting parameters, monitoring process, and troubleshooting problems*
- *Prototype design and support including collaborating with the engineering team on the refinement of designs based on testing*
- *Mechanical testing using the Instron frame including preparing test specimens, recording and analyzing test data, and identifying trends and anomalies.*
- *Documentation and reporting of experimental procedures, observations, and results and generating reports.*
- *Adhere to safety protocols and guidelines when operating machinery and handling materials*
- *Comply with quality standards and regulations concerning manufacturing and testing processes*

QUALIFICATIONS

- *Enrolled in Bachelor's or Master's degree in Mechanical Engineering or related field*
- *Basic understanding of additive manufacturing*
- *Familiarity with CAD (e.g. SolidWorks, Autodesk Fusion 360)*
- *Strong mechanical aptitude and hands-on experience with lab equipment*
- *Effective communication skills and ability to collaborate in a team environment*
- *Excellent attention to detail and ability to follow procedures*
- *Experience with Instron test frames or mechanical testing methods a plus*

BENEFITS

HIGH GROWTH & DYNAMIC START-UP - OPPORTUNITY FOR ADVANCEMENT & LEARNING - EXPERIENCE WITH STATE-OF-THE-ART TECHNOLOGIES - MENTORSHIP FROM EXPERIENCED ENGINEERS - NETWORKING OPPORTUNITIES