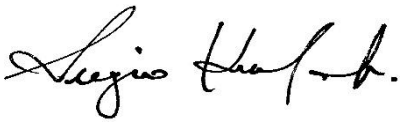
February 8th, 2024

Dear Mechanical Engineering Majors,

Weiss Technik North America, Inc. is a local Grand Rapids company which produces custom environmental simulation test chambers, and our Engineering and R&D departments are excited to announce that we will be hiring 1 student for a Mechanical Engineering Internship. This internship is full time during the summer and potentially part time during the school year. The full job description can be found on the following pages, and applications will be accepted until the position is filled.

Resumes can be submitted directly to sergio.kraljic@weiss-technik.com, and if you have any questions, we are happy to answer them. We look forward to hearing from you!

Kind regards,



Sergio Kraljic
Engineering Manager

Weiss Technik North America, Inc.
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Job Title: Mechanical Engineering Intern (Beginning Summer 2024)

Reports To: Engineering Manager

Company Overview

Weiss Technik North America, Inc. is a design and manufacturing leader of environmental simulation test chambers. These large and highly custom products combine knowledge from multiple engineering disciplines (Thermodynamics, Structural Design, Electrical Design, Controls/Logic, Fluid Dynamics, and Manufacturing) and use patented technology to recreate extreme environmental conditions reliably and repeatedly (from -100°C up to +200°C) for many industries, including but not limited to, automotive, electronics, aerospace, defense, medical, textiles, and pharmaceutical.

Position Overview

The Mechanical Engineering Intern provides support to the Engineering department by performing research, completing analyses/calculations, updating documentation, and generating drawings/models relating to the design, performance, and/or construction of environmental test chambers. The Mechanical Engineering Intern will work directly with Mechanical Engineers/Order Managers to assist on sold projects.

This is an excellent opportunity for a driven Mechanical Engineering student to gain practical experience and develop skills in a real-world environment. The candidate will work on exciting projects in a variety of capacities and will have the opportunity to directly drive innovation within North America's largest environmental simulation test chamber company!

Duties and Responsibilities

- Project Support
  - Collaborate with engineers to assist with ongoing Engineering and R&D projects
- Design Support
  - Collaborate with engineers to assist in the conceptualization, design, and development of mechanical components and systems using CAD software
  - Bill of Material Generation, Engineering Change Notices, Final Job Cleanup
  - Update standard assemblies' models and paperwork
- Status Updates
  - Participate in weekly engineering and production team meetings
- Other tasks and duties as specified and discussed with Engineering Manager and or Order Managers. This is not a narrowly focused internship, expect varied duties and responsibilities.

Due to the proprietary nature of some topics, a signed Non-Disclosure Agreement will be required, and all work will be treated as confidential. Upon successful conclusion of all projects, a signed Internship Completion Letter containing approved verbiage will be provided that can be used for post-graduation activities (e.g. resumes and interviews).

Internship Support

- Mechanical Engineering Intern will receive hands-on experience with on-the-job training.
- Opportunity to work in a cross-functional team with engineers representing many technical disciplines (Thermodynamics, Structural Design, Electrical Design, Controls/Logic, Fluid Dynamics, Manufacturing, Quality, and Project Management)
- Access to mentors through the experienced engineers on staff. Intern will sit with engineers who are ready to support them and make the internship a positive experience for the intern and for Weiss.
- Consideration for permanent employment with Weiss Technik after graduation

Qualifications

- Currently working towards a Mechanical Engineering degree at an ABET (or equivalent) accredited university
- Must have attained at least a junior status and taken at least 1 heat transfer/thermodynamics course
- Work Authorization: Permanent U.S. Resident, U.S. Citizen
- Possession of skills in Microsoft Office: Word, PowerPoint, Excel required
- Experience in SolidWorks modeling software preferred
- Experience working in an industrial manufacturing environment is a bonus
- Excellent verbal, written, and interpersonal communication skills
- Initiative in applying problem solving skills
- Ability to effectively work independently and as a team member
- Ability to define problems, collect data, establish facts, and draw conclusions

Working Conditions

Mostly stationary work with occasional movement throughout the facility to access files, chambers, office machinery, etc. Works at a desk and a computer screen for extended periods of time. Employee must be able to manually enter data to the computer system and understand the screen and images that appear. Frequently lifting and carrying up to 10 lbs and occasionally lifting up to 50 lbs. Use of hands to hold, lift and handle materials. Occasional climbing, bending, and squatting. Periodic travel may be involved. When traveling, significant portions of travel time (both car and air) may involve extended sedentary periods. Subject to weather and adverse driving conditions when outside.

This position is 100% in-office and permits up to 40 hours per week (8 hours per day, 5 days per week) at $21.00 per hour (gross pay). Overtime will only be approved in extraordinary cases. The standard work schedule is 7:30am to 4:30pm Monday – Friday. Candidate will need to supply their own transportation.

Direct Reports

Direct Reports: No

FLSA: Exempt or Non-exempt

Non-exempt

Team Leader:	
Date:	
Employee:	