



Position: Mechanical/Manufacturing Engineering Intern

Location: Sauk Rapids, MN

Division/Department: Pinnacle Engineering Group

Exemption Status: Non-exempt

About Pinnacle Climate Technologies

Pinnacle Climate Technologies develops, manufactures and distributes heating and ventilation solutions through commercial, industrial, agricultural, DIY and other retail channels throughout the world. With manufacturing in North America and Asia, Pinnacle serves a diverse customer base in over 25 countries, on every continent. With brands that include MASTER®, Schaefer®, Remington®, Pro-Temp®, Americ®, and Stanley®, Pinnacle is positioned as the global leader in industrial/construction heat, and portable ventilation products.

Primary Responsibilities for the Engineering Intern

- Effectively utilize Solidworks to support project efforts creating 3D CAD models and engineering drawings.
- Design and develop ventilation and heater products / components to support company initiatives.
- Using CAD skills create CAD models, component drawings, and production assembly drawings.
- Utilize traditional engineering methods, hand calculations, FEA analysis to optimize designs for cost, features, structural, and reliability.
- Apply classroom knowledge to practical engineering problems to make an impact on solving company engineering problems.
- Create test plans utilizing sound engineering principles.
- Support Engineering Change Order (ECO) process to support product changes.
- Investigate root cause failure from test or field failures.
- Consistently complete work in a timely manner and provide project updates regularly.
- Drive and enthusiasm for continued personal / technical growth and continued increase in contribution.
- Other duties and responsibilities as assigned

Reporting Relationship

- Reports to Senior Engineers
- Works cooperatively with Engineers, Production and Manufacturing Supervisors and Testing Technician

Academic Requirements

- Work typically aligns with students in their junior year of classes in mechanical or manufacturing engineering from an ABET accredited college.
- Must maintain an acceptable GPA.
- **Unofficial Transcripts or Web Transcripts must be submitted with application to be considered for this position.**





Qualifications and Skills

- Strong 3D CAD skills using SolidWorks or CREO experience a plus
- Entry level to moderate experience with SolidWorks FEA programs and Flow Simulation
- Manufacturing background/knowledge or past relevant internship experience a plus
- Willing to jump into projects and take the initiative and use creative problem solving to resolve the engineering challenge.
- Ability and willingness to participate in occasional hands-on assembly, testing and fabrication duties
- Exceptional Microsoft Office skills (particularly Excel and Word)
- Good oral and written communication skills, self-motivation
- Strong sense of teamwork and ownership is essential.
- Self-starter and eagerness to take on new projects

Compensation

- Full-Time or Part-time position, with potential for continued opportunities
- Competitive salary offered

Email rfelix@pinnacleclimate.com with your current resume and “Engineering Intern” in the subject line. Qualified candidates will get a response within one week of applying.

Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, disability, veteran status, national origin or other legally protected classifications.

