

CRYOMECH

Mechanical Engineer Intern

Cryomech, international leader in cryorefrigeration, has been a Syracuse-based high-tech manufacturer since 1963. Learn more about our exciting projects at Cryomech.com

As we settle into our brand-new building, we are growing our team to add capacity and meet the increased volume of customer orders.

Position Summary

Listed work hours 7:30am 4pm (Negotiable)

Provides controls solutions, electrical design packages and software based on specifications, and standardized design practices.

Essential Duties and Responsibilities:

Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- Create and maintain engineering documentation including production work instructions, bills of materials (BOM) and engineering project data
- Assist in the design and manufacturing of engineering products
- Generate, modify, and maintain 3D models, 2d CAD-schematics, PID's and 2D drawings
- Assist drafters in developing the structural design of products using AutoDesk Inventor
- Conduct validation and verification tests for selected products and prototypes
- Compile and evaluate statistical data to determine and maintain quality and reliability of products.
- Other duties as assigned

Qualifications and Education Requirements

- In pursuit of a Bachelor's degree in Mechanical or Manufacturing Engineering from an accredited college or university
 - Hands on experience in manufacturing environment preferred.
 - Excellent command of desktop software packages Microsoft Office Suite and 3D Modeling Suites.
 - Strong attention to detail with the ability to multi-task.
 - Proficient using a variety of hand tools (machining equipment a plus).
 - Troubleshooting and problem-solving skills.
 - Work effectively in a change-oriented environment with the ability to plan, organize, and prioritize tasks.
 - Self-starter with initiative, drive, and determination.
 - Strong written and oral communication skills.
 - Electrical experience/background preferred, not required
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Cryomech is an Equal Opportunity Employer. All qualified applicants will receive consideration regardless of disability status, veteran status, or any other New York State or federally protected characteristic.
