



S N O W P L O W

Job Title: Mechanical Design Engineer Co-op

Reports to: Boss Engineering Manager

Direct Reports: None

Responsibilities:

1. Assist with design and prototyping of new products, and improvements to existing products
2. Design fixtures for welding
3. Conduct tests, and collect and analyze data of new or existing products
4. Participate and Lead Rapid Improvement (Kaizen) events (1 week long event to improve processes)
5. Recognize and help with problem solving efforts in the R&D Garage
6. Work with design engineers to reduce costs and help improve quality of product

Education: Pursuing a B.S. Degree in Mechanical Engineering or related field

Experience:

1. Experience with 3D CAD software, Pro/Engineer is a plus
2. Basics of manufacturing processes such as welding, metal cutting and forming, painting and assembly
3. Knowledge of Lean Manufacturing concepts
4. Experience in fixture design (part specific tables and tools to help with manufacturing practices)

Skills:

1. Strong analytical and organizational skills
2. Strong leadership skills to lead a team and pull information from others
3. Problem solving skills
4. Demonstrated computer skills including MS Word, Excel, Outlook, and Pro-Engineer
5. Understanding of Lean Manufacturing
6. Ability to take on multiple responsibilities/ projects at once
7. Prioritize based on due dates or importance of projects

If interested and qualified for this opportunity, please submit a resume and/or application to hr@bossplow.com.