Engineering Internship Opportunity – Agricultural Equipment Mfg.

About Summers

Summers Manufacturing is an agricultural equipment company headquartered in Devils Lake, North Dakota. Founded in 1965, our mission is to build field-tested tough agricultural equipment to help farmers feed and fuel the world.

Summers has a significant line of agricultural equipment including tillage, fertilizer application, sprayers, mounted attachments, and land rollers. We serve farmers through a network of dealerships in North America and have a modest export business.

Your Role as an Engineer Intern

Our goal is to create an environment where you can be a productive contributor to Summers Manufacturing during your internship and gain wide exposure to engineering disciplines in the process. As an engineering intern, you will work actively with our team of engineers, assisting on new product design, refinement of existing products, and product documentation. Over the course of the summer internship, you can expect to work on a variety of projects to expose you to many aspects of engineering. As an Engineering Intern at Summers Manufacturing, you can expect to work on any of the following:

DOCUMENTATION

Create and modify Assembly manuals for manufactured products.
Update models and create drawings for new and existing products.
Create and modify the bill of materials requirements.
Develop Service and Diagnostics support material.

MANUFACTURING SUPPORT

Support Engineers in the development of safe, repeatable, and efficient manufacturing processes.
Complete time studies in support of line balancing and improved product flow.
Participate in Root Cause Analysis and Corrective Actions for quality improvement.
Design and Implement workstations, fixtures, and tools to improve processes.

PRODUCT DESIGN

Support Engineers in the development of new products and improvement of current products.
Design, model, and test componentry and assemblies to be implemented into manufacturing.
Validate designs through Finite Element Analysis, computer simulation, and real-world testing.
Work with Manufacturing to identify opportunities for improved design for manufacturability.

The Future

A summer internship at Summers Manufacturing provides a great opportunity for us to get to know each other better and assess the potential of further opportunities together. Following a summer internship, we have had engineering interns stay on in an internship role during the school year, and also join our full-time team upon graduation. We will strongly consider past interns for future full-time employment openings.

For more information contact: amyd@summersmfg.com