

Manufacturing Engineering Intern

The goal of HydraForce's internship program is to develop future engineering resources for our organization while providing support to our Engineering groups. We structure the engineering internship to allow candidates the opportunity to develop knowledge and skill-sets unique to our industry. Project tasks reflect an increasing level of technical complexity based on demonstrated proficiency and success on prior assignments. Although there is no guarantee of employment, it is our goal to have our interns fully capable of stepping into an entry-level engineering position upon graduation.

Supporting Job Elements:

- Tool design
 - Creo background (3D modeling)
 - Dimensioning drawings
- Testing experiments
 - Follow a measurement plan
 - FMEA
- Improve layouts of assembly cell
- Developing improvements that will help with throughput
- Determine methods to eliminate waste
- Implementing 5S methodology
- Production assembly assistance
- Testing assistance

Qualifications:

- Committed to an engineering college undergraduate program
- Completed a minimum of 24 hours at the university level
- Basic proficiency in CAD modeling, preferably in PTC Creo
- Basic proficiency in MS Office Suite
- Good written and oral communication and interpersonal skills
- Self-directed and motivated

Majors Desired: Manufacturing, Mechanical, Electrical, Industrial or Mechanical Engineering Technology

GPA Desired: 3.25 in major | 3.0 in general studies
(if freshman)

Program Dates: May 23-August 5, 2022 **Full Time**

*****Candidates MUST be able to commit to this time frame**

Candidates must answer the following questions and include this with your resume to be considered for the position as well as a letter of recommendation from a professor in your major which can follow at a later date.

Documents must be in PDF or Word format. Include specific position in subject line.

1. *Why would I like to intern at HydraForce?*
2. *What do I hope to learn/gain from this experience?*

Applications are due no later than March 1, 2022

Email resume to EdwinM@hydraforce.com in MS Word or PDF format - please use the position title as the subject line of your Email. Please do not send "zip" files, they will not be opened.