

Applications 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:

- Assemble/test prototype valves and circuits in our Application Engineering lab.
- Assist with application R&D testing and vehicle technical support
- Assist with instrumentation and motion control CAN based controller programming
- Conduct scheduled calibration on test instrumentation
- Create / prepare material used for trade shows
- Assist Technical Services group with customer inquiries
- Collect and analyze prototype test data and report writing

Qualifications:

- Committed to an engineering college undergraduate program
- Completed a minimum of 24 hours at the university level
- Advanced computing/computer knowledge and experience
- Good written and verbal communication and interpersonal skills
- Self-directed and motivated
- Strong technical/mechanical aptitude
- Strong organizational skills
- Able to work independently; as well as in a team environment
- Agricultural background highly desirable

Desired Course Work

- A B E 410 Electronic Systems Integration for Agricultural Machinery
- A B E 413 Fluid Power Engineering

Majors Desired: Agricultural, Mechanical, or Electrical Engineering

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

Program Dates: May 23- August 6, 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.