



Marmon HUB-AI is looking for Automation Engineering interns during the summer 2022 period to work in our corporate innovation lab. This lab consists of a small, diverse team of engineers working on cross functional projects for multiple different businesses. The lab is located inside of the mHub startup incubator in downtown Chicago, team members will have access to the whole facility.

Work is hands on and fast paced with a focus on delivering a wide array of automation solutions to our manufacturing teams. Team members are expected to have strong problem solving skills and be able to independently learn new things. Project scope will include developing design concepts and holding formal and informal reviews, working with vendors and outside experts to refine concepts, interfacing with factory staff at multiple levels to drive engagement, and ensuring developed solutions meet all stakeholder needs.

Responsibilities & Duties:

- Technology research/assessment and building vendor relationships
- Evaluating vendor quotations for products and services
- Building design specifications and requirements
- Work with sensors, actuators, and robot arms to create process solutions
- Communication of ideas and questions to internal and external teams
- Design in a cross-functional team (Mechanical, Electrical, Software)
 - 3d modeling using Solidworks or Fusion 360
 - Hardware / component selection
 - Design review(s) with cross functional team
- Fabrication and assembly
 - Bolting / cutting to test concept design
- Prototyping concepts to verify core functionality, as required.

Qualifications & Skills

- At least a junior year student with a focus in Mechanical, Industrial Engineering
- Interest in / focus on factory automation
- Interest in and knowledge of programming, PLC's, python, others
- Curiosity and passion for robotics and automated, connected systems.
- Excellent written, verbal communication and presentation skills.
- Ability to effectively communicate technical issues and solutions to all levels of Product Engineering and Product Management.
- Demonstrated ability to effectively share technical information
- Strong analytical and problem-solving skills.

Work Hours:

- Able to work at least 10-12 weeks (starting the end of May through August)
- Regular, dependable attendance and punctuality.
- Remote work is available based on what work product is being executed.



Marmon Holdings, Inc.

A Berkshire Hathaway Company

Job Description Automation Engineering Intern Position

- The team will meet once per week in person to have lunch and have face to face project updates. This is contingent on company policies on COVID situation.
- Interaction with India group may involve some late even calls outside of normal business hours.

Salary & Benefits:

- This will be a paid internship ranging from \$18 to \$25 based on experience
- Full access to mHUB facility, labs, and training classes.
- Several outings and events with other Marmon interns.
- Field trips to visit other Marmon facilities to learn about us.

Company Profile:

Marmon Holdings, Inc., a Berkshire Hathaway company, is a global industrial organization comprising 11 diverse business sectors and more than 170 autonomous manufacturing and service businesses. Revenues exceeded \$8.1 billion in 2021.

As an equal opportunity employer, we are committed to diversity in the workforce. In accordance with applicable law, we prohibit discrimination against any applicant or employee based on any legally recognized basis, including, but not limited to; race, color, religion, sex (including pregnancy, lactation, childbirth or related medical conditions), sexual orientation, gender identity, age (40 and over), national origin or ancestry, physical or mental disability, genetic information (including testing and characteristics), veteran status, uniformed service member status or any other status protected by federal, state or local law.