We are looking for data science 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.

The Team will focus on IoT or Industrial IoT projects and implementation in real facilities. Team members are expected to have strong problem-solving skills and be able to independently learn new things and technologies. Projects scope will include architecting, software writing, implementation, testing, presenting the results and creating documentation of thought process and design so others can continue the work.

Responsibilities & Duties:

- Experience and drive to work with collected data to provide knowledge and benefit through prediction and machine learning
- This position will involve a variety of data analytics work in building out predictive models and algorithms for several types of applications in both business settings, as well as in R&D, and product development areas
- You will work side-by-side with members of IIoT/IoT group, and will be expected to innovate quickly and apply novel, data driven solutions to real-world challenges
- In particular, the intern will be building statistical models for predictive repairs.
- Participate in engagement and discovery sessions between data scientists to identify problems/gaps as well as innovation opportunities that can be solved or enabled by data analytics and modeling
- Implement and test models in a POC (proof of concept) scale to operationalize the outcomes of the predictive modeling and validate the results in the real-world
- Be encouraged and expected to innovate and be creative in your data analysis, problem solving and presentation of solutions

Qualifications & Skills

- At least a junior year student with a focus in Statistics, Economics, Business Analytics, Data Science, Engineering, or related technical field.
- Must be able to able to solve basic data structures and algorithms.
- High level of basic computer skills (Microsoft Applications and Internet)
- Training and/or experience in data analytics/science areas, such as time series analysis, forecasting, classification, and regression analysis.
- Experience with data analytics tools such as Anaconda, Jupyter Notebook, Python and/or R.
- Experience writing queries with SQL.
- Excellent written, verbal communication and presentation skills.
- 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.
- 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 groups and more than 170 autonomous manufacturing and service businesses with revenues that exceeded $8 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.