



**Position:** Mechanical Engineering Intern/Co-Op (FALL 2025)

**Location**

- PDI maintains its corporate headquarters in Cleveland (Solon), OH.

**Outlook**

- Pile Dynamics, Inc., a growing company headquartered in the greater Cleveland area, is the largest manufacturer of foundation dynamic testing equipment in the world.
- The pile testing industry is a specialized field in which PDI is the industry leader in terms of knowledge, skill, innovation and size due to its unique history and connection to some of the founders of modern dynamic testing. Since the 1970s this testing sector has been growing consistently and PDI with it.
- PDI is dedicated to pursuing excellence in quality assurance methods by providing quality products with quality service for the deep foundation industry. PDI understands itself as developing the next frontiers in deep foundation testing technology and practice.
- PDI maintains a small firm attitude despite the fact that it has global sales. This allows for a collegial and positive atmosphere despite the challenges of its cutting-edge technology and work schedule.
- PDI has a network of sales representatives spread from the Far East to South America to Australia.
- The products improve the quality assurance of deep foundations on jobsites in over 100 countries throughout the world.

**EEO Statement**

- Pile Dynamics, Inc. is an equal opportunity employer. Qualified applicants will receive consideration for employment without regard to sex, race, color, national origin, age, religion, marital status, military service, or any other characteristic or trait protected by federal, state, or local law.

**Diversity, Inclusion and Connectedness Statement**

- Pile Dynamics' commitment to diversity and inclusion are an integral part of our company values. We believe that attracting, developing, and retaining employees that reflects the diversity of our customers is essential to our success. PDI's inclusive culture is the result of our commitments, our collaboration, and our inspiration to grow.

## **Position Summary**

The Mechanical Engineering Intern is responsible for updating production documentation, creating new assembly documentation, and working with the engineering staff on specific design projects.

## **Responsibilities**

- Drawing new and modifying existing components, cable assemblies, and sub-assemblies in SolidWorks.
- Using guidelines from the engineering staff to design and/or improve assemblies and accessories for PDI's product line.
- Working with measuring devices (calipers, rulers, etc.) to properly document the assembly process.
- Working with the Electrical Engineers, Production Managers, and Assembly Technicians to create a set of instructions for each drawing.

## **Experience**

- Must possess knowledge of the SolidWorks software, have good mechanical, and basic computer skills.
- Currently enrolled and obtaining a Bachelor of Science degree in Mechanical Engineering.

## **Physical Requirements**

- Manual dexterity to operate office equipment.
- Requires extended periods of standing, walking, and sitting.
- Normal or corrected vision and hearing to normal range.
- Light Work - Exerting up to 20 pounds of force occasionally, and/or up to 10 pounds of force frequently, and/or a negligible amount of force constantly (Constantly: activity or condition exists 2/3 or more of the time) to move objects.

## **Level of Supervision**

- This position reports directly to the VP/Senior Engineer
- Proactive interaction with the engineering and production departments

## **Earnings & Benefits**

- Full-time, hourly position
- Flexible schedule
- Participation in company lunches and events