



December 2019

EMPLOYMENT OPPORTUNITY

Position: Civil Engineer (Research and Development Team)

Location: Cleveland (Solon), OH

Starting: Immediately

Position Summary

Pile Dynamics, Inc. is seeking a civil engineer to join our research and development team to aid in development, design, implementation and adoption of products into the deep foundation industry. This position requires the ability to gain and maintain expertise in various deep foundation test methods, but also the ability to convey this knowledge to customers and the general construction industry. This position provides an opportunity for the engineer to work in a collegial atmosphere with industry experts that will foster professional and personal growth and provide a rewarding long-term career.

Level of Supervision

This position requires collaborative efforts with all aspects of the firm. The position will involve working directly with clients, engineering staff, sales and marketing teams and related support departments. The position requires cooperation and professionalism to ensure customer service needs, as well as organizational plans and goals, are met or exceeded. The engineer will work within a team of engineers but will report to PDI Training Manager.

Work Responsibilities

- The candidate will be expected to conduct trainings on all types of PDI equipment and software in conjunction with other PDI training staff. Trainings are mostly performed in Cleveland, though some domestic and international travel is required.
- The candidate will aid in client support including answering queries from users and providing analysis reviews.



- As the candidate gains expertise, they will be encouraged to develop and improve training systems and approaches to improve the team's efficacy and efficiency, including the application of new technologies to deliver training.
- Pile Dynamics encourages existing clients to improve their knowledge and thus regularly conducts seminars and workshops at our office and around the world. A minimum of one international trip per year in this context should be expected.
- Assist in product development that includes but is not limited to testing and evaluation of new software, field testing of new software and or hardware. As well as offering suggestions on effective workflow and user interfaces for PDI products.
- As Pile Dynamics continues to update existing products and develop new products it is necessary for the candidate to write or update operation manuals as well as online help files.
- Pile Dynamics values furthering engineering practice and therefore will encourage the candidate to become active in professional societies or trade organizations such as ASCE, DFI, ASTM, etc..
- As the candidate gains expertise and confidence in the industry they will be encouraged the write and publish technical papers.
- Provide occasional testing services on construction sites including offshore platforms.

Required Qualifications/Education

- Previous knowledge of PDI products is preferable though engineers showing an aptitude for engineering and learning will be considered.
- Ability to technically communicate effectively, both oral and written.
- Ability to communicate and interface effectively with persons from any cultural background or context, especially in a teaching context.
- Ability to conduct trainings and presentations in Spanish or Chinese, advantageous.
- Bachelor's in civil engineering or higher will be considered.
- The Candidate will be expected to maintain their organizational skills and execute duties in a timely manner.



Quality Assurance for Deep Foundations

- Must be self-motivated.

Earnings

- This is a full-time salaried position.
- Pile Dynamics, Inc. offers a robust benefits package that includes:
 - medical & dental insurance
 - long-term disability
 - life insurance
 - Paid vacation and holidays
 - PDI 401(k)
 - ESOP

About *Pile Dynamics, Inc.*

Pile Dynamics, Inc. (PDI) is the largest manufacturer of foundation dynamic testing equipment in the world. The firm was founded in 1972 following pioneering research at Case Western Reserve University in dynamic pile testing which is now known as the Case Method and the invention of the Pile Driving Analyzer® (PDA), its flagship product. PDI has a team of civil engineers, electronic engineers, mechanical engineers and software developers who continue to improve and expand its product line and capabilities as well as offering deep foundation educational programs. The company has a wide network of sales representatives spread from the Far East to Europe to South America resulting in the use of PDI products in more than 100 countries throughout the world.

Pile Dynamics, Inc. (www.pile.com) maintains its corporate headquarters in Cleveland (Solon), OH.

Industry Outlook

- The deep foundation testing industry is a specialized field in which Pile Dynamics 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 technology and work schedule.
- The considerable increase in PDI equipment usage over the years requires that more training be performed, both for new users and for refresher courses.

Applications

Interested persons should send their cover letter and resume to pdi-careers@pile.com. Any questions concerning the position or its duties should be addressed to gpiscsalko@pile.com.