



<https://www.cedtechnologies.com/job/mechanical-engineer-2-2/>

Mechanical Engineer

Description

Do you have an interest in forensic science? Have you ever wanted to be part of an engineering firm that delivers expert analysis across a wide range of complex cases? CED Technologies' success is built on a team of highly qualified, experienced professional engineers who collectively bring over 180 years of combined engineering expertise. Our professionals hold advanced degrees across multiple disciplines, including mechanical, civil/structural, electrical, chemical, and biomechanical engineering, as well as materials science (metallurgy) and fire investigation.

CED Technologies Inc., located in **Cleveland, Ohio**, is seeking a **Mechanical Engineer** to perform forensic investigations involving vehicle accident reconstruction, water loss origin and cause, workplace safety, product liability, and related analyses. This role is part of a collaborative, supportive work environment with a strong company culture.

This is a salaried position with an annual salary range of \$60,000-\$90,000, commensurate with experience. The successful candidate will be eligible for a quarterly Engineering Incentive Plan and an annual discretionary bonus, based on both individual and company performance.

Job Description:

The Mechanical Engineer (EIT) will gain comprehensive, hands-on engineering experience while performing in-depth forensic investigations, including vehicle accident analysis. This role involves applying sound engineering principles to support clients with loss resolution and litigation requirements. The ideal candidate is willing to travel occasionally on a day or overnight basis to investigate incidents in the field. This position is well suited for a motivated, self-starting individual who works well independently, prefers a dynamic work environment over a traditional desk-based role, and occasionally enjoys working outdoors.

The Mechanical Engineer will be responsible for performing mechanical inspections and evaluating motor vehicle crashes. The role involves conducting motor vehicle 'black box' downloads, recreating motor vehicle crashes using engineering analyses and simulation tools and managing forensic engineering projects from concept to completion.

Required Qualifications

Required Qualifications:

- B.S. and or M.S. in Mechanical Engineering.
- At least 2 to 3 years of specialized Mechanical Engineering experience.
- Engineer in Training (EIT) certification

Hiring organization

CED Technologies, Inc.

Employment Type

Full-time

Industry

Forensic Engineering

Job Location

7055 Engle Rd, 44130, Middleburg Heights, Ohio, Ohio

Base Salary

\$ 60,000 - \$ 90,000

Date posted

May 1, 2026

- Knowledge of key automotive vehicle systems such as powertrain, chassis, thermal systems, dynamics.
- You must be willing to travel on a day or overnight basis to conduct investigations.
- Excellent verbal and written communication skills.
- Demonstrates the ability to efficiently complete detailed work.
- Exhibits effective time management skills with the ability to meet deadlines and deliver timely work based on client needs.
- Collaborative and friendly with the ability to work independently.

Preferred Qualifications:

- Vehicular accident reconstruction (ACTAR certification is a plus)
- Fire investigation experience and/or certification is a plus.
- Incident investigation is a plus.
- Expert witness experience is a big plus

Company Overview

CED Technologies Inc., with 6 offices nationwide, is a leading mid-size growing consulting firm providing investigative engineering and accident reconstruction to some of the largest law firms, insurance companies and manufacturers. Our team of engineers and engineering consultants has advanced expertise in several areas, including mechanical, electrical, civil, marine, fire, metallurgy and mold exposure, CED Technologies, Inc. utilizes state-of-the-art technology and a proven approach to forensic investigations.

Since our first case 35 years ago, CED has been a powerful asset in thousands of investigations into the cause of accidents and product failures. Our approach-centered around sound engineering, careful testing and strict attention to courtroom needs has driven our success. Using this approach, we have built an outstanding record of positive results, making CED one of the most respected names in the forensic engineering industry.

CED offers competitive benefits including family health, dental, vision (1st of the month), or a medical stipend, 12 company-paid holidays, vacation, personal sick-safe time, STD, LTD, life insurance, voluntary life insurance, and 401K available upon hire.

If you are interested, please submit your resume to HRDepartment@CEDTechnologies.com or apply on our website at www.cedtechnologies.com.