

Job title and application settings

Laboratory assistant

Start date: open

End date: open

Application deadline: any time

Internship duration: 26 weeks

Country: United States of America

Host organization Information

The host organization is a private company designing and manufacturing instruments after years of experience in providing solutions for profilometry, mechanical and tribology applications. Ease of use, advanced automation and the dedication to superior accuracy are the driving forces behind the company's full range of Profilometers, Mechanical Testers and Tribometers. The company offers many critically important tests including surface roughness, nanoindentation, scratch and wear testing among many others. Its instruments can be found internationally in distinguished educational and industrial organizations ranging from automotive to cosmetic, biotechnology to medical devices to microelectronics and space applications.

Internship Details

- Perform profilometry, mechanical and tribological tests on provided samples
- Analyze and report test findings
- Document, prepare and analyze incoming samples for testing
- Set up shipping of samples to be returned to clients

Supervision/ Monitoring

One on one by the supervisor to get teaching and training in the departments of: the laboratory to learn the use of instruments; and in sales to learn how to sell instruments.

Working hours per week

40

Remuneration

About \$11/hour

Erasmus+ ICM stipend possible

Required skills and qualification

Level of study / study cycle

BSc

Field of Study:

Material Science, Mechanical engineering, Chemical Engineering

Language proficiency

English - Intermediate to advanced level written and conversational

Required skills / Qualification

- Preferred 1-3 years of related experience
- Knowledge of metrology instruments and their application in materials testing is a plus

Additional Skills / Abilities

Keen attention to details and organization

Strong ability of verbal and written reporting

Self-management, critical thinking, spatial reasoning, problem-solving and multi-tasking