



Massachusetts Materials Technologies LLC

8 Erie Drive, Unit A
Natick, MA 01760
617-502-5636
ByMMT.com

Title: Senior Mechanical Design Engineer

Purpose: Lead R&D projects for innovative materials testing instruments

Company Introduction:

Massachusetts Materials Technologies (MMT, <http://www.bymmt.com/>) is emerging as an innovative company completing the commercialization of mechanical test instruments. Our mission is to develop innovative, nondestructive testing (NDT) technologies that will provide customers with accurate and reliable information about the structural integrity, material strength, and toughness of their assets.

Position Description:

MMT is seeking a Senior Mechanical Design Engineer with 7-10 years of experience to join their talented team committed to developing new commercial nondestructive material testing instruments. The Engineer will be responsible for leading research and development projects for new and existing portable mechanical test instruments. The candidate must demonstrate proven experience designing, building, and evaluating mechanical devices or prototypes and must be comfortable working in a fast-paced environment. Preference will be given to candidates who have worked in a consulting-type environment where strict adherence to budget and timeline was expected, and projects varied in scope. Candidates who enjoy prototyping, troubleshooting, and taking problems from initial concept to final packaged solution are encouraged to apply.

Skills Required:

- B.S. in Mechanical Engineering
- 7-10 years of proven experience with design from concept to final product through iterative prototyping
- Technical skills and knowledge of mechanical engineering including machine design
- Strong SolidWorks proficiency
- Experience setting up data acquisition and control systems for sensors and instrumentation
- Comfortable working with simple electronic circuits
- Experience project management

Responsibilities Include:

- Mechanical product design, material selection, CAD design and product drawings
- Experimentation design for new component evaluation, data collection, and reporting
- Managing design and testing projects ensuring on-time and on-budget deliverables
- Managing and coordinating product manufacturing, testing schedules, and vendors
- Managing and conducting assembly and testing of new products
- Supporting existing products and troubleshooting
- Occasional participation in engineering conferences

Benefits of working within our group include:

MMT offers a competitive compensation package including 401k, health insurance, paid vacations, laptop, cell phone reimbursement, and the opportunity to work with cutting edge technology in a collaborative work environment.

Contact info:

Please send cover letter, resume, and references to careers@bymmt.com

