

MATERIALS/MECHANICAL ENGINEER

COMPANY: Smarter Alloys

LOCATION: Waterloo, ON

TYPE: Full-time

DESCRIPTION:

As someone in the early years of your career, or a seasoned engineer, you're looking for a role with a company that will let you flex your creative muscle, challenge your technical skills, and gives you the opportunity for growth and advancement.

You can stop looking, because this *is* that role, and we *are* that company.

Smarter Alloys is at the forefront of the smart materials revolution. With applications ranging from wearable technology to medical devices, our technology can be found across a wide range of industries, including medical/dental, automotive, consumer electronics and sporting goods.

So if you're a Materials or Mechanical Engineer excited to work in a dynamic, industry-leading start-up, we want to hear from you.

Materials or Mechanical Engineer

Your primary goal is to design, build, and test mechanical devices for the automotive, medical device industries, and energy harvesting. We're looking for someone who can truly own their projects, and carry them independently all the way through design, prototype, and production.

You will have the independence and freedom to work on your projects as you see fit, but with that freedom comes the responsibility of being understanding and responsive to the iterative nature of the work, and of communicating effectively with rest of the team.

You also have great technical strength, and you're more than just book smart – you love digging into projects, getting your hands dirty, and feeling the rush that comes with successfully testing your own creations. You should also be the kind of person who can look at the big picture, and intuitively understand all the work that needs to be put in place to achieve it.

Practically speaking, you will:

- Design, build, and test mechanical devices using programmable shape memory alloy technology.
- Design and build testing and validation setups.
- Support procurement and commissioning of automation, mechanical, and manufacturing equipment
- Support marketing and business development, production, quality, and research and development efforts
- Work independently in goal oriented environment

Working @ Smarter Alloys

This is a full-time permanent position, located in our state-of-the-art Waterloo location. We offer an attractive total compensation package that is commensurate with experience and includes full benefits and vacation.

We are a small, innovative and fast-moving company that is on the cutting edge of the smart materials industry. We have aggressive growth goals and are looking for someone who is willing to put in the work to help us get there. If this sounds like you, we want to hear from you.

Qualifications

- Bachelor's degree in Materials or Mechanical Engineering.
- Good Knowledge of Physical Metallurgy.
- Experience in 3D design tools such as AutoDesk, SolidWorks, etc.
- Good Knowledge of GD&T.
- Good Knowledge of Manufacturing Principles.
- Recent graduate from the field of Engineering will also be considered.

Additional assets include the following:

- Background in materials science with experience in shape memory alloys
- Experience with laser processing and advanced manufacturing

How to Apply

Our online application will give you the option to apply to this role as a complete person – not just a resume. The application will assess your qualifications, personality traits, and workplace preferences, and should take 10 to 15 minutes to complete. After submitting, you'll receive an email inviting you to log in and view your assessment results.

We value diversity and inclusion and encourage all qualified people to apply. If we can make this easier through accommodation in the recruitment process, please contact us with the “Help” button in the application.

We will review applications as they are received and look forward to hearing from you.

Apply Online: <https://www.fitzii.com/job/21503?s=li>