

Calling All MEng Students!

Join Our Ground-breaking Research on Structural Batteries for Electric Vehicles!

- Are you passionate about shaping the future of electric vehicles?
- Are you looking for an exciting opportunity to contribute to cutting-edge research in the field of structural batteries?

If so, we have an amazing opportunity waiting for you! In the lab of Dr. Mohini Sain, Department of Mechanical Engineering, University of Toronto.

We believe that the future of structural batteries of EV's lies in making them not just efficient but also lightweight, robust, and sustainable. Join our team of visionary engineers and researchers as we take this technology to unexplored heights!

What You'll Do:

Collaborate with a team of experts: Work side-by-side with leading researchers and engineers in the field of structural batteries. Your ideas will be heard, and your input will shape the future of the projects.

- Drive innovation: Participate in ground-breaking research that will influence the design and development of the next generation structural batteries of electric vehicles.
- Hands-on experience: Get involved in every stage of the project, from concept development to prototyping and testing. Gain valuable practical experience that will set you apart in your career.
- Problem-solving and creativity: Tackle complex engineering challenges and brainstorm innovative solutions. Be part of a team that values creativity and critical thinking.
- Continuous learning: Stay at the forefront of the latest advancements in structural battery technology. Our research environment is conducive to learning, and we encourage personal and professional growth.

What skills we need:

Enthusiasm for research, pursuing a degree in Mechanical Engineering (ME) or a related field of Engineering/sciences with a focus on materials or energy systems, Proficiency in CAD, FEA, or relevant simulation tools is a plus. Excellent

communication skills and the ability to collaborate effectively with multidisciplinary teams. Eagerness to explore and analyze data meticulously to draw valuable insights.

To apply, send your resume and a cover letter detailing your interest in the role to m.sain@utoronto.ca