

PURPOSE: Junior Design Internships

Enerision Inc. is looking to hire multiple engineering interns to work closely with its senior engineering team. This position is perfect for individuals looking to gain exposure to cutting edge technology in the sustainable energy industry. The interns will be involved in research, design and fabrication of advanced mechanical systems. Senior mechanical engineering students with passion for designing and building hardware are encouraged to apply for this position.

RESPONSIBILITIES:

- Engineering Design, including development of design concepts, preliminary engineering calculations, solid modeling, and drafting.
- Create and maintain engineering documents including drawings, specifications, processes and procedures.
- Retrofitting complex mechanical systems such as combustion engine generators
- Assist in the creation and maintenance of information and engineering documents necessary for the design and manufacture of products, provision of services, and development of processes.
- Assist with providing technical support to core engineering team
- Maintain all files within the document management system, providing document control.
- Create and maintain Bill of Materials, costs and budgeting

POSITION QUALIFICATIONS AND EXPERIENCE:

- Individuals currently enrolled in either third or fourth year mechanical engineering **or** currently pursuing graduate studies in mechanical engineering. This position is also open to recent graduates.
- A minimum cumulative of at least "B".

THE FOLLOWING WOULD BE CONSIDERED AN ASSET:

- Previous practical design experience and at least an intermediate level experience with CAD software (Solidworks or Onshape preferred)
- Machine shop rapid prototyping fabrication experience (lathe, mill, laser cutter, 3D printing and CNC)
- Strong mechanical aptitude and experience with finite element analysis tools
- Working knowledge of internal combustion engines (FSAE experience would be considered an asset) or solar Hot Tubes
- Self-starter and ability to work under minimal supervision

To apply, please send your resume or a short paragraph explaining why you are a good candidate for this position to Dr. Bahman Lashkari (bahman.lashkari@enersion.com).