



Job Description

December 19, 2011

Full Time Equity Position

info@dynamo-micropower.com

Mechanical Product Development Engineer

Reports to: CEO, Jason Ethier (Jason@dynamo-micropower.com)

Overall Responsibility: Mechanical engineering, product development & prototyping for Dynamo. This is a mechanical design and testing position requiring both the capacity for design and hands on prototyping skills. As a founding employee, you will have the chance to work with an exciting engineering team and make significant contributions to our first product.

The Mechanical Product Development Engineer will be a key contributor on our interdisciplinary product development team, and will design and implement the mechanical components of our first prototype. Successful candidates will demonstrate a very high level of technical competence, hands-on design, and the ability to produce in a start-up and fast-growth technology environment. We understand the value of experience as well as value of questioning conventional wisdom, and we welcome candidates with all ranges of experience.

Initial 6 months will be focused on fulfilling the following SBIR grant:

<http://www.nsf.gov/awardsearch/showAward.do?AwardNumber=1143081>

Why you want this job:

World altering technology, great team, competitive salary and options, energetic and challenging technical environment, engaging incubator community, engineering heavy leadership team.

What you will be doing:

- Design of thermal-mechanical systems
- Hands on, mechanical prototyping
- Assembly, testing and validation
- Instrumentation and analysis of prototype systems
- Communicating with customers and interpreting product specifications

What you'll need for the job:

- A sense of dauntless adventure and unbridled optimism
- Solid Hands on prototyping Experience
- BSE in Mechanical or Aero-Astro Engineering, advanced education preferred
- Ability to iterate and modify design on the fly
- Excellent quantitative, analytical, problem solving, communication, creative, and interpersonal skills.
- Effective multitasking and ability to deliver on time and with quality.
- An advocate for efficiency and sustainability.
- Proficiency in 3D CAD such as Solidworks or Autodesk

What will help:

- Experience with turbo-machinery or engine design
- Manufacturing experience
- Experience bringing product from inception to completion



dynamo-micropower.com/

Founded: 2011

337 Summer Street
Boston, MA 02110

The problem we solve:

Dynamo Micropower is creating the next generation of portable power plants that leverages micro-turbine technology. We are developing 1-10kW microturbine that is designed to be ultra-portable, robust, and easily manufactured. The resultant system is 1/5 the size, operates over 50x longer, and is 25% more efficient than conventional small reciprocating engines. Beyond being a more sustainable technology we will also significantly reduce the cost of energy for small power.

Who We Are:

The Dynamo team includes seasoned entrepreneurs, with a deep advisory board. We won the grand prize in the 2011 Startup Open, which is backed by the Kauffman Foundation. We also recently received a U-Launch grant from the NECEC and are ramping up for an SBIR grant we received from the NSF.