

Mechanical Engineering Internship



About the Company

MicroEra Power is located in a StartUp NY Clean Energy Commercialization Center in Rochester, NY. The facility previously hosted major corporate users for fuel cell development. The company is a member of the Clean Energy Business Incubator Program (CEBIP) at Stony Brook University, and Greentown Labs at Boston/Houston. The company is venture backed.

The energy landscape is changing rapidly and innovation plays an important role. MicroEra Power is positioning to pilot a thermal energy storage solution for low-carbon and low-cost heating and cooling for commercial buildings. Seeking intelligent, capable people to join the team as we prepare to pilot, demonstrate, and launch into the marketplace!

Role Description

- Hands-on building of prototype Thermal Energy Storage systems
 - Mechanical, Electrical and Programming elements
 - Lead fabrication of Engineer's designs
 - Calibrate sensors and electromechanical components
 - Automate and schedule data collection
- Contribute to a collaborative design process
 - Assist with mechanical designs in CAD environments
 - Assist in sourcing components for designs
 - Suggest improvements to designs
 - Document failures of designs
- Evaluate Phase Change Materials Thermal and Physical Properties
- Maintain laboratory spaces in a neat and organized fashion
- Update company protocols as needed

Job Qualifications

- Currently pursuing or recently graduated from a B.S. degree in Mechanical Engineering or related fields
- Located in Rochester, NY or willing to relocate for position
- Experience in mechanical fabrication and knowledge of manufacturing techniques
- Electronics knowledge and applicable skills
- Knowledge of CAD programs
- Basic statistical evaluation skills
- Willingness to learn and quick at picking up new skills

Apply Here: <https://forms.gle/TrQBgdJJHguWVfrX7>

Questions or other inquiries? Email info@microerapower.com