



Title	Lab Internship	Department	Research and Development
Location	Ithaca, NY on-site	Travel Required	<input type="checkbox"/> Yes, <input checked="" type="checkbox"/> No

About Us:

Carbon To Stone (CTS) is a climate tech startup that helps industries reduce their climate and environmental footprint. Our customizable reactive crystallization technology platform effectively transforms CO₂ and industrial residues into valuable resources and generates revenue for our customers, while building a more sustainable and circular future. We are seeking passionate individuals who would like to work at our innovative, fast-paced company. We are a team of world-leading experts that have developed advanced partnerships with academia, industry, and carbon tech stakeholders. Come join our team to close the carbon and materials loops, together. For more information, visit our website at www.carbontostone.com.

Job Summary:

We are seeking a highly motivated and skilled intern to join our Technology Development team. The ideal candidate will have strong background in chemical engineering and electrochemistry, with a passion for sustainability and environmental technology. This role involves hands-on work in the lab, conducting experiments, data analysis and reporting and contributing to the scale-up of our core technology.

Essential Job Functions:

- Assist in the design and execution of experiments.
- Perform materials characterization and analysis to evaluate the efficacy and stability of produced materials.
- Utilize analytical techniques to monitor process parameters and outcomes.
- Collaborate with the R&D team to analyze data, identify trends, and suggest improvements.
- Prepare reports and presentations to communicate experimental results to the team.
- Engage in literature reviews to stay informed on the latest developments in related fields.

Education and Experience Required:

- Currently enrolled student at Cornell.
- Bachelor's degree in chemical engineering or related technical field.

Additional Skills and Abilities:

- Strong technical fluency with excellent verbal and written communication skills.

- A commitment to environmental sustainability and innovation.
- Knowledge of electrochemistry, separation and crystallization technologies, and carbon capture.
- Ability to work effectively in a small, dynamic, and entrepreneurial environment with high flexibility and adaptability.
- Proficient in data analysis software and tools.
- Experience with LabVIEW is preferred.

Carbon To Stone is committed to providing equal employment opportunities to all individuals, regardless of race, color, religion, sex, national origin, age, disability, sexual orientation, gender identity, or any other characteristic. We encourage individuals from all backgrounds and walks of life to apply. We value each person's unique perspectives, experiences, and talents, and we strive to create an inclusive work environment where everyone feels respected and empowered.