



Job Title: R&D Intern

Location: Houston, TX

Position Type: Internship

About Solidec

Solidec is chemical manufacturing, simplified. Using air, water, and electricity our autonomous generators produce the world's most essential chemicals, on site and on demand.

Our mission is to pioneer on-site chemical manufacturing technologies and processes that are economically and environmentally sustainable. Our flagship hydrogen peroxide generators provide significant cost control while reducing the carbon footprint of critical industries, from water and wastewater treatment, to semiconductor manufacturing, food and beverage, and mining.

Position Overview

We are looking for an R&D Intern to join our team in Summer 2026. In an Intern, you will be a key contributor to the development and optimization of our next-generation electrochemical reactors. You will work closely with our technical team to streamline our electrolyzer fabrication and assembly processes. In this role, you will gain in-depth knowledge of electrolyzer architecture, develop practical skills in materials pretreatment and chemical handling, and learn the principles of R&D workflow design.

What You'll Be Doing

- Developing and refining standardized protocols for the pretreatment and preparation of electrolyzer components.
- Assisting in electrolyzer assembly and gaining experience in electrochemical experimentation and data collection.
- Analyzing data and presenting results to our technical team
- Helping to develop new technology to produce sustainable chemicals

What We're Looking For

- Currently pursuing a Bachelor's degree in Chemical Engineering, Chemistry, Electrochemistry, Mechanical Engineering, Electrical Engineering, or a related field of study
- Previous laboratory experience outside of coursework (preferably working with electrochemistry)
- Willingness and desire to learn new things
- Ability to learn/work efficiently
- Strong communication skills (written and oral)
- Prioritization of safety in the laboratory
- Ability to move 25 pounds

Characteristics We're Looking For

- Individuals with enthusiasm and conviction for creating global impact
- Innovators to develop transformative solutions
- Collaborators who excel in working with others
- Problem-solvers with a can-do mindset



- People with authentic character who value others

Why Solidec?

- **People:** We care for people, not just our product.
- **Innovation and Impact:** Join our team to deliver new technologies to market that will have long-standing effects on our climate.
- **Learning:** We are a small team, so every day brings a new challenge that we get to solve together.
- **Growth Opportunities:** We are growing quickly, and so will you. We will reward you for it.

Interested?

If you are passionate about sustainability and solving climate challenges, we want to hear from you! Please submit your application; we look forward to seeing if we might be able to work together.