



Chemical Engineer Job Description

As a Chemical Engineer for Victory Over Carbon Inc. (GigaDAC) you will drive the development and analysis of chemicals and chemical processes optimized for GigaDAC's novel direct air capture system. GigaDAC has created a proprietary ultra-low pressure drop system, resulting in higher velocities, thin boundary layers and — thus — a wider range of chemicals available for use in DAC's diffusion-controlled reaction. Ideal candidate is self-directed, passionate about finding functional simplicity in complex systems, and comfortable getting hands-on with experimental prototypes.

This job is based out of Greentown, Labs in Houston, TX and is considered a hybrid role.

Qualifications

- Analytical Skills and Laboratory Skills
- Experience in Chemical Industry and Process Engineering
- Excellent Communication skills
- Bachelor's degree in Chemical Engineering or related field
- Experience with process simulation software is a plus
- Demonstrated ability to leverage relevant expertise to solve complex problems

Expectations

- Development and analysis of novel chemical processes
- Project management
- Assistance in grant writing
- Managing safety protocols
- Getting hands-on with experimental prototypes in ways that overlap with wider engineering and technical roles.
- Self-starter with strong problem-solving skills and self-accountability

Compensation and Benefits

- Competitive salary
- Healthcare
- Three weeks paid vacation

Please submit applications to Harrison@gigadac.org

