

Experienced Chemical Engineer / Computational Engineer / Mechanical Engineer with Python

CHEMICAL ENGINEERING

PYTHON

LIFE CYCLE ASSESSMENT

CHEMISTRY

SUSTAINABILITY



As soon
as possible



Cologne, Germany
*(flexible home/office working
possible)*

You will work in our core software and database team to improve our automated chemical life cycle assessments using Python.

ABOUT  carbonminds

Carbon Minds is a data analytics company and life-cycle data provider. We use our proprietary digital model of the global chemicals and plastics industry to offer our clients unprecedented levels of transparency about environmental impacts in global supply chains.

We are a growth-stage startup with a range of high-impact projects and major partners. Our working culture is flexible, friendly and motivated. We are a close-knit team working in a mutually supportive atmosphere for a common goal: **sustainability**.

RESPONSIBILITIES

- Develop our proprietary life cycle assessment database by transferring the existing coding into a Python framework. You will work closely with our existing data and software team to achieve this.
- Building a fast and automated tool for the life cycle assessment of a broad range of chemical processes.
- You will also be involved in consulting projects for our clients. These projects deliver insights into the environmental impacts of chemicals and plastics.
- Participate in internal and external meetings, scientific conferences or networking events to present the results of our developments

JOB REQUIREMENTS

Position type

- Professional, engineer with 2+ year of experience, particularly in Python

Education/Degree

- Computational engineering, Chemical engineering, mechanical engineering, process engineering

Required experience

- Python coding experience
- Basic knowledge about petrochemical processes

Preferred experience

- Life cycle assessment
- Building python frameworks
- Packages: pandas, numpy, scipy, Brightway

Language requirements

- Fluent in English
- German is a plus but not a must

Additional soft skills

- You are highly motivated to learn and work in an interactive start-up environment
- You have excellent communication and presentations skills

BENEFITS AT CARBON MINDS

- Flexible working hours / potential for partly remote working ("Homeoffice" in Cologne)
- Simple and fast personal improvement with a high learning-curve and varying tasks
- Have a **real impact** on one of the most challenging and impactful sustainability problems in the chemical industry by working on an industry-first solution
- We are seeking long-term relationships, so we can grow together
- Competitive salary for engineers, from the start, based on a fixed salary structure that accounts for on your experience
- Last but not least: **Doing good for the environment!**



Please send (as a minimum) your CV with relevant work experience, a cover letter highlighting your motivation for the job, certificates from university degrees and the respective overview of grades to application@carbon-minds.com. Feel free to attach further documents you think are important.