

Software Engineer

PYTHON

SOFTWARE DEVELOPMENT

CHEMISTRY

SUSTAINABILITY



As soon
as possible



Cologne, Germany
(flexible home/office working possible)

You will be responsible for designing and building from scratch the architecture of our internal and external software applications using Python and other tools.

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. A range of internal and external software applications support us in this goal.

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

- You will build our internal python architecture from scratch
- You will work with a high degree of freedom to conceptualize our internal and external software applications
- In collaboration with the business leadership, you will more fully define your own role and how it will help the business reach key objectives
- You will lead the continuous development of our internal Python architecture, working closely with our database content development team

JOB REQUIREMENTS

Position type

- Professional, 2+ years of working experience

Education/Degree

- Software engineering, IT, Chemical informatics, Computational engineering

Required experience

- Extensive Python coding experience
 - We currently work with: **pandas, numpy, scipy, Brightway, PyTorch and TensorFlow, MSSQL**
- Experience building software architecture from scratch
- Basic knowledge about chemicals and plastics is a plus but not a must

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 flexible home/office working in Cologne
- Simple and fast personal improvement with a high learning-curve and varying tasks
- We are seeking long-term relationships with a sense of satisfaction on both sides
- Competitive salary, based on a fixed salary structure that accounts for 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.