



Theoretical Chemist or Materials Scientist as Solution Engineer and Data Scientist (f/m/d)

Become part of a young deep tech and software startup and revolutionize materials development with us. ExoMatter is a spin-off of the German Aerospace Center (DLR). We have a first product on the market with paying customers and a strong upward trajectory.

To fulfill the needs of our strongly growing customer base, ExoMatter offers you the chance to implement our materials research solution with clients, work on collaborative research projects with academic partners, and extend the range of scientific data sources available.

We offer you the chance to join a startup early on and quickly grow into a leadership role.

Your tasks

- You will build **inorganic material databases** according to customer requirements using our Python library, proprietary algorithms, and public data sources
- You will perform materials simulations from first principles, for example using **Density Functional Theory**
- You will guide **customers** from industry and academia along their materials research journey as their **primary contact person** for onboarding and implementation
- You will work with external academic partners on joint research projects
- You will transform and re-format data and write Python functions to calculate materials properties, also with the aim to add new data sources

Our requirements

- You have a background in (Theoretical) Chemistry, Physics, or Materials Science, ideally with a PhD/doctorate
- You are passionate about building a tech startup and love thinking big as a true visionary
- You show excellent analytical skills and a professional demeanor towards customers
- You are familiar with first principles methods such as DFT and have implemented them before
- You possess an advanced/intermediate level of Python skills and have written code for data analysis before (published code on GitHub is a plus)
- Ideally, you are familiar with Materials Informatics and have worked with resources such as The Materials Project, NOMAD, or OQMD before
- Practical knowledge of Machine Learning algorithms is a plus
- You are fluent in English and your German is at least on B2 level

Why ExoMatter

- **Ownership:** We offer you a highly ambitious work environment with a steep learning curve and responsibility for your own areas and tasks.
- **Team Spirit:** We are an ambitious team with an appreciative working atmosphere; active participation and transparency are part of our lived company DNA.
- **Flexibility:** We know that it is not always easy to manage your private life and your job, so we help you to find individual solutions in terms of working hours and WFH.
- **Sustainability:** We don't engage in greenwashing but take an honest and professional look at how we can make ExoMatter a little more sustainable every day.



What we offer

- Competitive package of salary, (virtual) stock options, and benefits
- Attractive company culture in an early-stage startup
- Flexible work hours with strong focus on work-life balance far beyond industry standard
- MacBook Pro for personal and private use
- Full time position, part-time work possible upon agreement
- Hybrid work with flexible arrangement between on-site work in our new Munich office (location tba) and remote work

Start date: 1 July 2023

If you have any questions or would like to apply, please contact our Co-Founder & CEO Josua

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