



Solution Engineer / Data Scientist (f/m/d)

Become part of a young deep tech and software startup and revolutionize material development with us. ExoMatter is a spin-off of the German Aerospace Center (DLR). Since the beginning of the year we enable companies to find the right materials for their applications.

Recently, we have managed to be part of Xpreneurs Batch 12, a program of UnternehmerTUM for the best startups in Germany, and we have a first software product on the market (<https://dashboard.exomatter.ai>).

ExoMatter offers you the chance to implement our materials research solution with clients and extend the range of scientific data sources available.

Your tasks

- You will build material databases according to customer requirements using our Python library, proprietary algorithms, and public data sources
- You will guide customers from industry and academia along their materials research journey as their primary contact person for onboarding and implementation
- You will occasionally perform materials simulations from first principles
- You will help us tap into new data sources by connecting APIs, through web scraping, and by integrating commercially available data sources
- You will transform and re-format data and write Python functions to calculate materials properties

Our requirements

- 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 have a background in Chemistry, Physics, or Materials Science, ideally with a PhD
- 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 first principles methods such as DFT and have implemented them before
- 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
- Free choice of tech (latest MacBooks or ThinkPads), private use possible
- 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: Dec 2022 – Feb 2023

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

Email: j.vieten@exomatter.ai

Phone number: +49(0)89 245 90 123

Linkedin: <https://www.linkedin.com/in/josua-vieten-a7b412b7/>

