

# Open Software Developer Positions in Computational Chemistry Startup



## Who is FACCTs?

FACCTs brings innovative computational chemistry solutions to industry.

We are a deep-tech start-up with first-class contacts to industry and academia. We are a spin-off from the Max Planck Society, where ORCA - our flagship program – is being developed. ORCA is combining speed & accuracy in quantum chemical calculations. With more than 60.000 academic users it is, although the youngest, already the second most popular program amongst its competitors.

FACCTs offers computational chemistry solutions to the chemical and pharmaceutical industry – with currently more than 40 industry partners. We aim at democratizing quantum chemical workflows, i.e. enabling scientists and engineers to tap the full potential of quantum chemistry, without the usual need for expert knowledge and experience. That is why we also develop new software solutions that automate and simplify ORCA usage (using python, React).

## Where is FACCTs located?

The FACCTs office is located in Cologne, Brüsseler Strasse, near Rudolfplatz. Currently we work part-time remote, part-time in the office.

## Who are you?

- You are a student or graduate in Computer Science, Chemistry, Physics, Bioinformatics, Materials Science, Chemical Engineering, Mathematics, ...
- You are interested in writing maintainable software in a collaborative setting in R&D.
- You have developed open source software (preferably with Python) before.
- You have experience with software versioning tools: Git, Github/Gitea/...
- You have basic GNU/Linux knowledge.
- Nice to have: You are familiar with HPC technologies (e.g. Job-Schedulers: Slurm/PBS/..., OpenMPI), DevOps.

## What we offer!

- Full-time as well as part-time positions (e.g. as a working)
- Flexible working environment.
- Young and dynamic team.
- Projects in close collaboration with clients.

## You are interested?

Please email us @ [jobs@faccts.de](mailto:jobs@faccts.de).