**Software Engineer**

**Apply Now**

Company: Cosine

Location: Sassenheim

Category: computer-and-mathematical

## Responsibilities

and tasks

Development of software analysis tools to help scientists get more insight into collected data.

Managing and developing features in our internal database, using the Django framework.

Creating, testing, and maintaining various data pipelines to ensure a correct and efficient data flow.

Development and maintenance user interfaces for interaction with software tools, ensuring a user-friendly experience.

## Qualifications and experience

Master's degree in Computer Science, or 5+ years' experience in Computer Science/Software Engineering or equivalent.

Extensive knowledge on the Python programming language, including (unit) testing, and handling package managers such as pip.

Familiarity with essential (scientific) packages such as Django, Flask, NumPy, and Matplotlib.

Essential experience with Django and Django REST Framework, proficiency in building web applications.

Curiosity to learn scientific programming, encompassing not only conventional software

architectures but also a deeper understanding of working with arrays/data points, mathematical functions, and datasets in a scientific context.

Ability to handle a holistic software approach, ranging from front-end to back-end development, API integration, database management, testing, and software pipelines.

Proficient use of Git(Lab) for version control and collaborative development.

Competence in terminal-based operations, a Linux environment, SSH connections, and proficiency in managing virtual machines and virtual environments.

Basic proficiency in web development, including maintenance of web tools using HTML, CSS, and JavaScript (including JQuery), recommended but not mandatory.

**Expertise and skills**

Ability to understand, speak and write English in a professional working environment

Analytical skills, ability to solve complex problems

Attention to detail and focus on quality

Ability to write clear and comprehensive technical software documentation

Good additional communication skills in German, French, Italian, Dutch or Spanish are an advantage

Ability to work well in a team

Good time management

**We offer**

A part-time or full-time onsite position in a dynamic and international setting, where you can combine your knowledge with highly innovative technology and applications with good and flexible working conditions.

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