

# Working with us

## Who we are

At SimScale, our mission is to help engineers worldwide to develop their products faster, easier and better.

We are fascinated by the potential of simulation technology and work hard to make it easier and more accessible than ever before.

To that end, we are building the world's first generic, completely web-based engineering simulation platform – bringing high performance computing technology to the fingertips of every engineer and scientist in the world.

At SimScale you have the opportunity to shape the next generation of simulation technology together with a team of highly talented engineers, mathematicians and computer scientists!

## Intern / Working Student 3D / CAD Software Developer (m/f) in Munich

Build the world's most advanced cloud simulation platform.

Since 2012, we have been working vigorously on a new method for the world of high-performance computing. Our cloud platform enables customers to access powerful engineering simulation technology – using a web browser. This provides a broad target group – ranging from large corporations to individual engineers – with the ability to develop their products faster, better and more cost-efficient.

### About the job

For our fast-growing international software engineering team, we are looking for a passionate and enthusiastic working student/intern that will contribute to improving and enhancing the pre-processing capabilities of the SimScale platform. Your main task will be supporting the development efforts related to CAD model processing and mesh generation on the SimScale platform. You will work closely with our pre-processing software development team to help our users to get high-quality meshes faster and more robust.

### What we expect from you (must-haves)

- First experience in C++ software development including object-oriented design and generic programming
- Hands-on experience in using CAD/CAM/CAE software applications
- Interest in geometric modeling, topology, mesh generation and 3D computer graphics.

### What we expect from you (nice-to-haves)

- Enrolled in studies related to Engineering, Applied Mathematics or Computer Science
- First experience in software development for computational geometries
- Understanding of CSG, Polygonal and B-REP geometry representations
- Knowledge of Python, Git, CMake, testing and continuous integration

### What you can expect from us

An international and enthusiastic team with high technical expertise and lots of fun

- A great deal of freedom/leeway, and responsibility
- Calm working environment
- Communication at eye level
- Startup spirit
- Flexible working hours

Provide thousands of engineers with the next generation of simulation platform and help them be better at what they do.

**Are you looking for an opportunity where you can contribute your skills and develop your knowledge in software development for simulation pre-processing in a highly innovative environment and where you can put your own ideas into action and really push something forward? Then we look forward to receiving your informative application [via our application system](https://www.simscale.com/jobs).**  
[www.simscale.com/jobs](https://www.simscale.com/jobs)

Simulation in your browser



[www.simscale.com](https://www.simscale.com)