

About us

HEGIAS has developed the world's first browser-based high-end Virtual Reality solution for visualization and communication, designed for the construction and real estate industries. At the push of a button, planning data and 3D models can be viewed and modified in Virtual Reality by several individuals, from everywhere in the world. To achieve our ambitious growth targets and to establish customer loyalty, we need your help. Currently we are looking for:

Software Engineer

Location: Lugano, Zurich, Remote

Your new position

You will be joining a team of talented individuals working on cutting edge of 3D and VR technologies. You will add value to our platform with your skill in 3D scene manipulation using Python scripting. We manage our projects using Agile. We work with Git, use pair programming and perform code reviews. We promote the usage of Docker containers and cloud computing on AWS.

Your tasks:

- Manage 3D scene import and processing pipeline using mostly Python and Blender API
- Improve pipeline performance and support for different 3D filetypes
- Design methods to create different outputs of 3D scenes (Level-Of-Details, baking, renders)
- Enhance 3D data optimizations, improve job schedulers, and implement new features

This makes you the ideal candidate

In order to be successful in this role, you need to have the following skills:

- 2+ years of experience working with 3D graphics in a programmatic manner
- You know Python and have written Blender API scripts
- Experience with REST API's and multithreaded programming
- Ideally some skills in Flask, SQL, Linux, Docker containers / Kubernetes
- Good English skills

Our values



Fair

We have fun doing what we do. We have a clear conscience about what we did. Because we make our decisions consistently fair and unbiased, based on best knowledge and experience. We are fair to all stakeholders and the environment as a whole. We are sustainable because our business model enables us to do so and reduces the ecological footprint for all involved parties.



Authentic

HEGIAS is authentic because we can talk openly and honestly about any topic that is on our minds. We maintain a direct and transparent communication. We are unbiased and open to all people. We treat everyone with respect regardless of origin, culture, gender, age and position.



Swiss & open-minded

We think in a structured way and do our work precisely, with a passion to detail. We remain flexible in terms of design and allow creative freedom. As a community we act in a goal-oriented manner and stay open for new challenges.