Software Engineer

Our company

Neural Concept creates Deep Learning based software for enhanced engineering. Our products help companies speed up their R&D cycles, augment their product performance and solve their next engineering challenge.

Deep Learning and AI have already revolutionized how images, sound and natural language are processed. Therefore, some problems that used to be considered intractable are now easily solvable on a large scale. Yet, Computer Assisted Design (CAD) and geometry processing are still using traditional methods. Our mission is to bring this revolution into the world of CAD using our unique Neural Network technology that can process 3D CAD models.

We are working for global leaders in industries ranging from Automotive and Aerospace to Electronics as well as with cutting edge sport teams from Sailing to Car-Racing, who trust our technology to ensure they stay ahead of the curve in their fields.

The role

We are looking for a Software Engineer to join our team of passionate developers building the core of the Neural Concept Shape platform. As one of the key players of the team you will have a central role in building the future of our technology, making our product ever more powerful and supporting the deployment of our services to our fast-growing customer portfolio.

Technologies we use

- Our core deep-learning framework is Python-based (Tensorflow), with custom C++ and CUDA operations
- Our cloud platform is based on a modern microservices architecture, deployed on Kubernetes

What you will do

- Collaborate with other software and application engineers to understand our clients' needs, prioritize and translate them into high-impact novel features
- Continuously improve the stability and reliability of our cloud platform and on-premise deployment solutions
- Manage our continuous integration and cloud operations
- Communicate about the latest advances of our software, both internally and externally, organize demos, and support customer projects with software customization
- Work together with research scientists to design and implement efficient algorithms and data structures in the core engine of our product
- Stay on top of the latest technology developments in the deep-learning, cloud and HPC communities, to keep our product truly cutting-edge.

Who you are

- You have extensive experience with Python in a production environment. Previous industry experience with Tensorflow is a strong plus
- You have strong experience building containerized applications using Docker containers and Kubernetes
- You have experience working with Gitlab and Gitlab CI, or similar
- You are passionate about engineering and design. Experience working with or developing computer-assisted engineering software is a plus.
- You love your users even more than your code.

You get

- A competitive Swiss salary and a generous equity compensation plan
- Flexible working hours
- State-of-the-art equipment and access to unlimited computational resources
- A stimulating environment with top-level researchers and engineers
- A comfortable office with open beverages and healthy food

Our culture

The company was founded in 2018 and we are already a team of 17 people, dedicated to accomplishing our mission. We were born in a top-notch AI lab at EPFL and the values of research are in our DNA. We are honest, pragmatic and passionate about innovation.

We know that the greatest achievements cannot be the product of a single individual and we encourage our employees to strive for the success of the entire team.

We work hard but try to enjoy our time at work and cultivate a great atmosphere. We do our best to respect everybody's private life and are very conscious about work / life balance.

To Apply

Send an email to: deniz.onmus@neuralconcept.com