



## Arbrea Labs

### Deep Learning Engineer R&D

#### Augmented Reality for Human Bodies

**Company Description:**

Arbrea Labs is an ETH spin-off from the Computer Graphics Lab, ETH Zurich. We are a team of specialists in computer graphics, vision and artificial intelligence developing state-of-the-art solutions for cosmetic surgery. Our daily tasks range from 3D reconstruction and Tracking to AR/VR, focusing on the latest works in Deep Learning, Geometry Processing and Rendering applied to human bodies, as we strive to develop cutting edge technology that improves our users` experience and satisfaction.

We are looking to expand our team with key people that have experience in the field of Deep Learning and have a strong will to learn and get involved in a start-up environment. We are interested in full time candidates, but also consider internship positions with the possibility to transition fully into our team.

**What we offer:**

As a deep learning engineer at Arbrea Labs, you will be working at the interface between research and production code where a wide array of different tasks arise in this unique context. As one of the key employees, you will have a strong influence on how our product will be shaped, giving you, altogether with the team, the opportunity to grow into world leaders in AR/VR technology. You will work with friendly, passionate and easy going team members, very willing to offer guidance, and also have a beer (or two) after work or on regular team events. The working environment is quite flexible, with offices in a Technology hub, and we offer employee participation plans.

**Required Qualifications:**

- Strong Bachelor/Master or PhD degree in engineering or scientific field, or equivalent practical experience (work experience as a software engineer is a plus)
- Strong problem-solving skills and curiosity for novelty
- Willing to be part of a rapidly growing venture

**Desired Skills Superset:**

- Strong experience in Deep Learning.
- Experience with Generative Adversarial Neural Networks (GANs).
- Experience with DL environments (Tensorflow, PyTorch etc.) and Python
- Experience in C++, preferably C++11 or later
- Experience in Computer Vision (3D reconstruction, Tracking, Inverse Modeling etc.)
- Experience in App development (iOS, Android)
- Ability to prioritize and complete tasks, meeting deadlines
- Proficient in English (German/French is a plus)

**Location:** Technoparkstrasse 1, 8005 Zurich

**Contact:** jobs@arbrea-labs.com