



# Arbrea Labs

## Software Engineer

### 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 Geometry Processing, Rendering and Machine Learning 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 above fields and, above all, 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 software 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 incentive 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:

- Strong experience in C++, preferably C++11 or later
- Experience in Computer Graphics (Geometry Processing, 3D Rendering, AR/VR etc.)
- Experience in Computer Vision (3D reconstruction, Tracking, Inverse Modeling etc.)
- Experience in App development (iOS, Android)
- Experience in Machine Learning (CNN-s, Regression etc.)
- Ability to prioritize and complete tasks, meeting deadlines
- Proficient in English (German/French is a plus)
- Experience with web technologies and databases is a strong plus

**Location:** Technoparkstrasse 1, 8005 Zurich

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