



Arbrea Labs

Mobile 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.

What we offer:

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. The working environment is quite flexible, with offices in a Technology hub, and we offer employee incentive plans.

Job Description:

As a mobile software engineer, you will work on the front end of our current mobile app. It consists of UI/UX focused development but also on working on the general logic of the app. You will implement new features, but also help on improving the current code.

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)
- Experience in mobile app development (preferable IOS and/or Android)
- Good knowledge of C++, preferably C++11 or later
- Strong experience in either Swift, Objective C or Java
- Strong desire to work on UI/UX
- Able to work in a fast paced environment
- Fluent in English
- Experience using Git

Nice to have:

- Understanding of memory management, optimization and algorithm efficiency
- Experience in Metal and/or Vulkan
- Experience with databases and web services
- Experience in continuous integration and unit testing
- Ability to prioritize and complete tasks, meeting deadlines
- German/French is a plus

Location: Technoparkstrasse 1, 8005 Zurich

Contact: jobs@arbrea-labs.com