

Job posting PRODUCT ENGINEER/TECHNICIAN

Augmented Anatomy (AA) is specialized in the visualization of the individual **human anatomy through augmented reality (AR)**. The company is aiming to grow fast as soon as we will release ARtery3D, the first ever product that visualizes anyone's **individual facial vascular anatomy** through AR. This technology may truly signify a **revolution within the cosmetic and surgical world**.

We developed a workflow to process an MRI-scan of the face into a highly accurate and patient-specific AR-visualisation. The workflow consists of a handful of **dedicated and sometimes challenging steps**, in order to deliver unique AR-images, that differ from patient to patient. Different skills come into play, such as **3D visualisation, (basic) anatomical knowledge, and medical imaging analysis**. Your work will help health care professionals around the world and have a **large impact on their daily practice as well as the patient's health**.

As we prepare the official launch of ARtery 3D, we are looking for a motivated colleague who will be in charge of this developed workflow.

Your job consists of the following tasks:

- **Analysis of MRI-scans** of the face to determine the accurate visualisation of a specific set of facial arteries
- **Analysis of the processed 3D-volume of facial arteries** and its correlation to the native medical images
- **Processing** of the arterial volumes and **conversion into an AR-ready image**
- **Evaluation** of the accurate AR-representation of the anatomical structures after implementation of facial tracking software

What we expect from you:

- A (basic) background knowledge on **medical imaging** and the **human anatomy** or the interest in learning these subjects. An education in medical imaging is an asset.
- The ability to work **independently in a manual workflow**, involving a broad **range of medical and technological aspects**
- **Basic computer knowledge** and the interest in learning to work with some specific **applications** that are involved in the workflow

What we offer:

- Exciting work in a game-changing company, where you can really **make a difference**
- Bright and motivated colleagues from **different fields** (radiology, surgery, IT, engineers)
- All the necessary **tools** (high-performance laptop with external monitor, smartphone, etc.)
- A **long-term** commitment