

## Job posting R&D ENGINEER

At Augmented Anatomy we are building a **state-of-the-art platform for visualising anyone's individual anatomy through Augmented Reality (AR)**. As an R&D engineer, you will join a highly experienced team of professionals, ranging from data-scientists to engineers and professors in medicine. The software you will build will have a **huge impact on many professional's daily life** and training all over the world.

As an R&D engineer you will build **the next generation of dynamic 3D models** that will enable our clients to visualize individual human anatomy models in a real-world setting. While our algorithms are able to detect anatomical structures on individual medical images, we are looking for an R&D engineer to **dynamically visualize these structures in new use cases**, depending on the need of the individual professional and device (Mobile / HoloLens 2 / etc.) An accurate **3D awareness** is necessary, combined with **strong programming skills**. You will work together with medical experts in each therapeutic domain, who will guide you in the visual tools they need in order to learn most about the individual anatomy useful in their domain.

### Responsibilities:

As an R&D engineer, your main work will be focused on the **development of new computer algorithms for the dynamic visualization of individual anatomical structures in an AR setting**.

- With a short development cycle, your work will have a profound impact on the daily lives of many healthcare professionals in studying the individual anatomy.
- Your job will consist of the following tasks:
- Make **new algorithms** for the 3D placement of anatomical structures in an AR setting
- **Test, Research & Benchmark** possible algorithms
- Work with the **latest technologies** in Augmented Reality
- **Gather feedback** from KSLs and test-users, enabling the development of new versions of the algorithms
- **Report** bugs, tasks and feature requests
- Report in **weekly team meetings** lead by the head of R&D

### Profile:

- **Master's degree** in Informatics, Engineering, Physics or Mathematics, preferably with a strong numerical background or equivalent by experience
- You are comfortable with **3D models**, transformations and coordinate systems
- You have **strong programming skills** (e.g. Python, Java, C#,... )
- You are a real **go-getter** who is able to turn ideas into reality
- You have a **problem-solving mindset** and you can deal with complexity

### 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.)
- The **latest AR-tech** to play and develop with (HoloLens 2, Magic Leap, ...)
- A **long-term** commitment