



Biomedical Engineer Traineeship - S1 2023 Paris, France

AVATAR MEDICAL SAS is an exciting 2.5-year old MedTech start-up that aims at radically enhancing the manner in which surgeons prepare their surgeries.

Based on technology developed at the Institut Pasteur and Institut Curie, AVATAR MEDICAL uses advanced image processing algorithms coupled with virtual reality (VR) to transform medical images (e.g. CT-scans, MRI) into lifelike patient avatars. This vehicle aims at granting surgeons an excellent understanding of their patients' pathology via an immersive and interactive VR experience. Our technology is meant to facilitate communication between radiologists and surgeons, allowing a more efficient and rapid surgical planning. Our technology has been recognized with numerous scientific and medical journal publications and national/European tech awards.

AVATAR MEDICAL's leadership team consists of passionate French and American co-founders with proven experience in tech entrepreneurship, sales, marketing and scientific research. Our technology, being commercialized between France and the USA, is developed by a talented team of physicists and software engineers who work closely with Institut Pasteur, the Paris Artificial Intelligence Research Institute, PRAIRIE, and a network of partner hospitals in France and the US.

We are recruiting a Biomedical engineer trainee to support the sales and implementation of AVATAR MEDICAL to hospitals and medical schools in France and in Europe. The student will also be involved in the deployment, follow up and analysis of some clinical studies to be realized in France with AVATAR MEDICAL clinical partners. The student will be mentored by an experienced application engineer.

This position is a unique opportunity to contribute to the development of an innovative solution that can unlock the power of medical images for surgeons, patients and medical students, thus dramatically aiming to improve patient care.

Missions

The student will assist in:

- user training/ customer support
- designing training content
- specific medical image processing for new applications



AVATAR MEDICAL

- project management associated with new deployments
- following clinical studies
 - Preparation of hardware to rent to clinical partners for studies
 - Executing research protocols with clinician and recording project outputs
 - Analyzing projects outputs and helping in the writing of report and scientific publications
- organizing demos and exhibitions
- tech watch

Required Qualifications

BAC+5 Diploma in preparation with a specialization in medical imaging/biomedical engineering

Knowledge in medical imaging (a 1st traineeship in the domain is a plus)

IT skills (preparation of computers, software installation, integration...)

Positive mindset, respectful, getting-things-done mentality

Fluent in English

Nice-to-Have Qualifications

Paramedical degree

Image and movies edition softwares

Knowledge in quality management

Tuteur

Elodie Brient-Litzler, PhD

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Application

Send CV and application letter to jobs@avatarmedical.ai

Reference letters are appreciated but not mandatory

Referring to this offer by including "Biomedical Engineer Traineeship" in your email title

More information on the company

<https://avatarmedical.ai/>

<https://fr.linkedin.com/company/avatar-medical-vr>