



Junior Developer (Internship/Apprenticeship)

Paris, France + Partially Remote

The **Decision & Bayesian Computation** laboratory of the **Institut Pasteur**, in conjunction with **AVATAR MEDICAL SAS**, is seeking an internship candidate in the topic of advanced volume rendering.

Based on technology developed at the **Institut Pasteur** and **Institut Curie**, **AVATAR MEDICAL SAS** uses advanced image processing algorithms coupled with virtual reality to transform medical images (e.g. CT-scans, MRI) into lifelike patient avatars without any pretreatment (segmentation or other).

We are recruiting a **Junior Developer** to join our technology team in 2022 to boost our development efforts. This position is a unique opportunity to contribute to a truly multidisciplinary project combining **medicine, image analysis, machine learning** and **gamification/serious gaming** approaches in an inspired effort to greatly improve the surgeon's work flow at the hospital. The position is targeted towards Master-level students in software engineering, computer science or related discipline.

Roles

- Apply user-centered design principles to new and existing interfaces, algorithms and features
- Prototype, test and verify new developments
- Present and defend design options to team members and during code reviews
- Work closely with developers in the implementation of new features and interfaces
- Identify, troubleshoot and resolve issues

Required Qualifications

- Javascript and React framework experience
- Object-oriented programming experience (C, C++, C#, etc.)
- Experience with Unity
- Ability to work well in a team environment
- Ability to perform well in a fast-paced environment
- Proficiency with code versioning tools such as Git

Nice-to-Have Qualifications

- Front-end development experience (e.g. UI, web, mobile, etc.)
- Knowledge of image processing
- XR development experience
- Bilingual English/French

Location

The position will be located at Institut Pasteur (25-28 rue du Docteur Roux, Paris, France).

Remote Working

In light of the COVID-19 pandemic, the position will be partially remote depending on the sanitary situation.

Contact

To apply, please contact jobs@avatarmedical.ai with your CV and a brief cover letter.