Software Engineer

TREALITY: leading manufacturer of high-end visual solutions

TREALITY is a global player and has excelled for 25 years in the development and implementation of **visual solutions for high-tech simulators**. Our systems are mainly used during the training of helicopter and fast jet pilots. In addition, our solutions are also often used for other applications such as air traffic control and ship bridge simulators.

At TREALITY, you contribute to a unique mission: our products ensure the **training of future pilots and individuals with extreme responsibility over the safety of others**. Our systems guarantee that their training is taken to the highest attainable and most realistic level.

TREALITY operates **internationally** and offers solutions to customers all over the world. Our site in Belgium is located in Kuurne (area Kortrijk) and we work in tandem with the offices in the United States.

We are currently looking for a **Software Engineer** for our site in Kortrijk.

Function

As a Software Engineer at TREALITY, you play a critical role in the development, performance, stability and support of our software functionalities. Some of the duties of the Software Engineer include:

-   When developing new software functionalities in C++ you play a crucial role
    o   you setup the communication with hardware, in our case cameras, spectrometers;
    o   you do image processing in control process;
    o   you are familiar with a multithreaded environment;
    o   you perform the necessary tests and validate the functionality as soon as it is operational;
-   You work in a Linux as in a Windows environment;
-   As a troubleshooter, you deal with bug reports from the field. You provide and validate solutions;
-   You develop system algorithms, which you test, validate, and eventually implement in our final product;

- With your nose for optimizations, you proactively look for improvements of our software functionalities;
- You are part of the Software Team and work closely with our remote teams (Engineering, Deployment) and Product Management. As a Software Engineer you will mainly work on PC, with which you communicate with our hardware and test setups.

This position reports to the Software Manager.

Profile

TREALITY is looking for an analytical Software Engineer. Some experience is necessary. We expect the following skills:

- Preferably you have an engineering degree, with option Computer Science, Electronics or Automation Software. Experience in an international context is a plus, but not a must;
- You can present a minimum of 3 years of experience in a similar job. More important than the number of years on the counter, is the content and learning curve during previous work experiences;
- Knowledge of C++, Qt Library and OpenCV is a huge asset; knowledge of Python is a nice to have; you have affinity and interest in image processing;
- Knowledge in 3D image rendering is an asset;
- You speak and write fluently Dutch and English;
- Ownership, initiative and proactivity are values you value highly;
- From time to time (maximum 10%) you are willing to travel (to the United States or elsewhere in the world), but always by mutual agreement.

Offer

At TREALITY, you will join a young, enthusiastic and progressive team. You will have the opportunity to work at an international level, with excellent conditions:

- A strong basic salary, with the possibility of joining a flexible plan, where you can fill in part of your gross salary in a different way (choice of company car, company bicycle...);
- Flexible working arrangement: sliding time, extra recuperation days, possibility of home office...;
- Commuting allowance, bicycle allowance...;
- Hospitalization insurance;
- Pension plan.

Place of employment

Pieter Verhaeghestraat 44, 8520 Kuurne, Belgium.

Interested?

If interested, please send your resume and short motivation to gulcin.soker@trealitysvs.com. Do not hesitate to contact us with further questions.