



Senior Software Engineer

Les Companions is a start-up specialized in designing and developing robotic assistants for painters. Our vision is to have skilled tradesmen work hand-in-hand with machines, in a collaborative way on the building sites. The machine achieves the hard, repetitive and dull tasks while the workman works on the more skilled and noble tasks, where his know-how is highly valued.

We are located in Lille, Northern France, a very lively and dynamic place, renowned for its lifestyle and its connections to major cities in Europe (you get to Paris, London or Brussel in about an hour).

Mission

The experience proposed by *Les Companions* is a breakthrough in the building world. To this end the relation between the end-user, i.e. the painter, and the machine is very unique: all the complexity of the system is hidden in the lower layers and the operator is due to face a very sleek interface, with clear affordances. Frankly the UI is very cool, it is deeply linked to our 3D computer vision tech and there are exciting architecture and UI challenges ahead for you, as a software engineer. You are responsible for:

- Defining and enforcing the user-experience
 - Proposing and implementing UI user pathways
 - Maintaining the HMI consistency
- Maintaining the software architecture
 - This involves continuous refactoring of the core architecture
 - In accordance with the control and computer-vision teams
- Integrating the results of the 3D computer vision
 - You will display the result of the 3D scan and localization
- Optimizing code
- Helping the other teams integrate in your HMI
- Bringing new ideas that will feed innovation



Some of the frameworks used at Les Companions.

Your profile

- You have a proven track record in software engineering
- You have at least 2 years experience
- You are proefficient in C++ (Qt and QWidget are huge assets), and in OpenGL (or another RT rendering API)
- You are committed, self-motivated, and creative

We offer

- A dynamic, innovative environment and a small welcoming team
- A disruptive project adventure that can change the world... well at least a little bit ;)
- A competitive salary package

Contact

Les Companions
Antoine Rennuit

Les Companions
We make your process smart!

are@lescompanions.com
+33.6.72.05.98.86