



Open Position in Software Engineering

Type: (summer) internship, master project

Company

Darix is a startup developing Vizir, a concept developed at the IVRL lab at EPFL in Lausanne. We are building an add-on unit for existing full face firefighting masks that provides firefighters with clear thermal vision in their field of view. This helps them to navigate comfortably in darkness and smoke, while keeping their hands free for performing their work.

Job

We are working hard on the product and preparing for the launch. We are going from prototype to product in a very short time and for this we are porting our software from Linux and Android to a microcontroller. Initially you would work on porting the software, put tests in place for quality, and start testing with users. In a second phase, you would start adding features.

Specific topics you'll be working on:

- Porting to microcontroller
- Video streaming, image processing and visualization algorithms
- Profiling for low-power use
- Robustness, quality and general design for use in critical applications

Your profile

- Good programming skills in (embedded) C
- Some Java/Android experience is a plus
- Independent, sense of ownership and not afraid to take initiative
- Some enthusiasm about augmented reality and/or firefighting!
- Student, or just-graduated

We are looking for someone soon, 2 months minimum. if you are looking for a master project, we are happy to define it as such!

If interested please send a mail with a short motivation and CV to jobs@darix.ch. For more information on the company: www.darix.ch