



## Open Position in Mechanical Engineering

**Type: internship / student 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. A key element will be rendering our designs robust for the environments that firefighters work in.

Specific topics you'll be working on:

- Formalize environmental and usage limits into testable requirements
- Systematically optimize functional designs into robust and manufacturable designs
- Modelling and simulating of thermal and mechanical impacts and resistance
- Work on product aesthetics and usage
- Test design and execution

### Your profile

- Mechanical engineer
- Hands-on experience on product design
- Independent, sense of ownership and not afraid to take initiative
- Some enthusiasm about augmented reality and/or firefighting!

We are looking for someone soon.

If interested please send a mail with a short motivation and CV to [jobs@darix.ch](mailto:jobs@darix.ch). For more information on the company: [www.darix.ch](http://www.darix.ch)