

# Master Thesis

## Embedded Computer Vision Applications

We are looking for a

### Master Thesis Candidate

with strong background in **embedded systems** and **computer vision** applications. The master thesis will be carried out together with our industrial partner, **SKIDATA**, based in Grödig / Salzburg.

The master thesis will deal with one or more of the topics listed below. The specific topic will be elaborated together with the academic supervisor and the industrial partner.

- **Novel access solutions based on computer vision**
- **Computer vision solutions for low-power embedded devices**
- **In-depth evaluation of embedded visual sensing solutions**

Prototyping and evaluation will be performed on standard PCs. Subsequently, the applications will be implemented and optimized on embedded devices.

Prospective candidates should have skills and interests in areas including embedded systems programming in C or C++; computer vision and related toolboxes (e.g., OpenCV, IVT, Gstreamer).

For information about the Institute of Networked and Embedded Systems visit our website: <http://nes.aau.at>

Additional information about SKIDATA can be found at: <http://www.skidata.at>



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#### Partners:

