



Karevo

Dive into the World of
Automation in Agriculture!

Internship/Working student Electrical Engineering and Information Technology

Our mission

We specialize in creating affordable, retrofittable potato sorting systems. Our core mission? Empowering farmers with state-of-the-art AI. With our solution we want to reduce their workload, save labor costs and allow them to focus more on the product and their personal life. We're initiating our journey with small to medium scale potato farmers as our primary market, setting the stage for further affordable automation innovations in agriculture.

Description of position

- Optimize our **image processing pipeline** for real-time execution on embedded edge devices (Linux, ARM64 architecture)
- Develop and integrate **control software** for sensor and actuator interaction
- Develop **testing and monitoring pipelines** to ensure system performance
- Collaborate with our **AI and software team** to improve embedded deployment

Your profile

- Enrolled in a degree program in **Electrical Engineering, Mechatronics, Computer Science**, or a related field
- Interest in **Embedded Systems, Image Processing, or Automation Technology**
- Experience with **Python, C++ or CUDA** (experience with other NVIDIA tools such as DeepStream SDK or Triton inference servers is a plus)
- Independent and proactive mindset



Start-up culture

Team events, agile work style, flat hierarchies, flexible working hours, motivated team



Real world impact

You will help develop affordable machines for farmers, reducing their workload and improve food security



Ownership

You get responsibility for your task and are the first contact person for that.



Office and makerspace

We have our office space in the TUM Venture Lab in Freising with direct access to a makerspace and colab

Contact



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