

## IDP – Software Development (AI / Computer Vision)

Building state-of-the-art AI software solutions for the electronics industry

### About Us

We are a young startup aiming to redefine electronics prototyping by developing systems that make PCB prototyping faster and more efficient.

The idea originated from the Think.Make.Start. hackathon in September 2025, where the startup was founded. As we are working on a novel solution, we are currently operating in stealth mode and are not yet publicly sharing details about our core technology.

We are backed by UnternehmerTUM, TUM Venture Labs, and AI Nation. To date, we have secured several grants and maintain offices at Königsplatz and in Garching.

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#### Your Role

This position is offered as an IDP in collaboration with Prof. Dr. Daniel Cremers and his Chair for Computer Vision and AI.

You will work on a high-impact project at the intersection of Computer Vision, AI, and software development. As part of a very early-stage startup in stealth mode, you will take significant ownership of your work while being closely mentored by the founders.

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#### Key Responsibilities

The concrete project will be defined together with you, based on your interests and skill set, but it will generally focus on the following areas:

- Support training an advanced AI model for object detection
- Improve the precision and performance of computer vision models
- Develop new AI-driven software features for our platform

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### You're a Good Fit If You...

- Have experience or strong interest in Computer Vision or AI
- Are comfortable working with Python and modern ML frameworks
- Have experience or prior exposure to the electronics industry, especially EMS (Electronic Manufacturing Services), or PCB development (strong plus)
- Enjoy taking ownership and working independently
- Are motivated to work in a fast-moving, early-stage startup environment

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### What We Offer

- A unique opportunity to work in an AI-driven stealth-mode startup at a very early stage, operating at the intersection of software and hardware
- High ownership and real impact on our core technology
- Close mentoring by the founding team
- Office space at Königsplatz (Munich) or the TUM Incubator in Garching

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### Project Setup & Conditions:

- Team size: 1-3 students
- At least 50% on-site work in our office
- Part-time (6 months) or full-time (3 months)
- Flexible start date (ASAP)

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### Apply now

- If you have any questions, don't hesitate to contact us. To apply, please send your CV to: [jobs@hefex-labs.com](mailto:jobs@hefex-labs.com)
- Our Website: <https://hefex-labs.com/>

Join us on our mission to redefine electronics prototyping!