

## Computer Vision for Human Computer Interaction

Leitung: Prof. Dr.-Ing. Rainer Stiefelhagen  
Campus Süd  
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# Hiwi: Assistance in projects in the field of object detection in images.

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At CV:HCI, we're looking for multiple student assistant position is to be filled from 01.03.2021. In order to annotate data (70-80%) and train deep learning (30-20%) models for object detection in construction site images. Therefore we want to create an annotated data set to be able to train such networks.

### Responsibilities

- Bounding box annotation of objects in the construction site images.
- After 3-6 months, Deep Learning-related are possible, if desired (e.g. neural network training)
- 30-40h/month, (initially for 3 months, extension to a longer period is possible and desired)

### Requirements

- Good knowledge of English and interest in the topic of the project
- If there is a desire for more technical tasks (after the first phase): good programming skills in Python and first experience with Deep Learning

### Weitere Informationen/ Further Information

Start: ab March 2021

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