Are you interested in working together with a motivated, multidisciplinary start-up team to develop an AI-based analysis system for heavy machinery on construction sites? Then join our team!

**Our Vision**

We guide construction sites and mining pits into the age of digitization. We gather all kinds of data within construction sites or mining pits in real-time, e.g. status data from construction machinery. From this vast amount of sensor data our AI software derives high-level information by using image recognition and deep learning etc. This information assists the construction manager within his daily routines by improving the efficiency and saving costs, time and effort.

**Topic for an Interdisciplinary Project (IDP)**

Implementing real life image classification scenarios using Google Coral Edge-TPU

**Your profile**

**Hard skills**

- Background in computer science and hands-on programming, e.g. Python, …
- First knowledge in AI technology and classification, e.g. Neural Networks, Deep Learning, TensorFlow or similar...

**Soft skills**

- High motivation and willingness to learn
- Willingness to create products for the customer (no consulting)
- You can work in part-time
- The IDP can be done as a single person or as a team project (preferred)

**What we can offer**

- A place where you can build products of the future
- Get in touch with high level industry partners and VCs
- Get deep insights through working within a high-tech start-up
- Generate knowledge on how to build your own start-up

If you feel addressed, send us your application and CV to: team@abaut.de
and visit our homepage: www.abaut.de

**Additional Information**

The project will be supervised by the TUM Entrepreneurship Research Institute of Prof. Breugst.
You will take two lectures like: “Entrepreneurship” and “Technology and Innovation Management: Introduction”