aiina

Accelerating the Construction Industry through Autonomous Mobile Robotics

Vision

To pioneer the integration of autonomous robots in every unstructured environment, revolutionizing the way we interact with our physical spaces.

Mission

To democratize robotic automation by developing versatile, intelligent robots that enhance efficiency and innovation across various unstructured settings.

Beachhead Problem

The problem we solve in our beachhead market is concrete sanitation. Concrete deteriorates after 50-100 years. The top layer needs to be removed and replaced to protect the rebar from the elements. Currently, this is done with a hand-held high-pressure water lance, which is a physically demanding job that requires frequent breaks to recover, and few people are willing to perform this task.

Beachhead Solution

Our autonomous construction site robot alleviates the skilled worker shortage by autonomously removing concrete and performing various other tasks on the construction site using interchangeable modular attachments.

Traction & Validation

- First customer and industry partner, access to Hardware of more than 55k EUR.
- LoIs and access to construction sites as well as domain knowledge
- Part of AI+Munich / XPLORE / TUM VL Robotics & AI
- On a trajectory to apply for EXIST Transfer of Research

Role Description

We are looking for a Co-Founder with a strong technical background to help define our technology vision and drive innovation. You will lead the development of autonomous field robotics, leveraging your expertise to create solutions in unstructured environments. Beyond technical contributions, you will play a critical role in building the company, shaping our culture, strategy and operational excellence

Skills and Qualifications

If you are:

- Proficient in one or more of the following areas: software development, computer vision, motion planning, or robotics
- Adept at problem-solving and innovative thinking in the face of technical challenges
- Excellent in communication, able to articulate complex technical concepts to diverse audiences
- Entrepreneurial, with a strong sense of ownership and a track record of taking initiatives from concept to completion

Get in Touch with us! Claus Julian

Company Brief

Location	**Munich**
Sector	**B2B**
Industry	**Construction**
Technology	**Robotics & AI**
Founded	**Not yet founded**
Round	**AI+Munich Grant**
Stage	**Proof of Principle**
Funding	**AI+Munich Grant, Research Position at TUM Chair for Cyber-Physical Systems**

TEAM

Claus Carste

MacGyver – Combining AI and Hardware

Julian Hoffmann

Gyro Gearloose – Making Robots Smart

Prof. Matthias Althoff

Morpheus – Scientific Advisor

SUPPORTED BY

MUNICH INNOVATION ECOSYSTEM

XPLORE

TUM VENTURE LABS

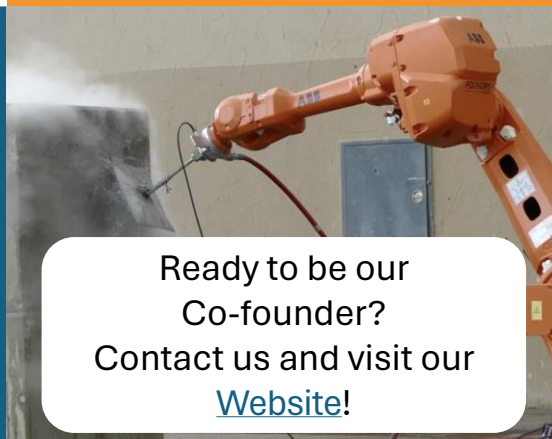
Technische Universität München TUM

UNTERNEHMER TUM

LUTZENBERGER

BAUSCHUTZ

MüWatec



Ready to be our Co-founder?
Contact us and visit our Website!