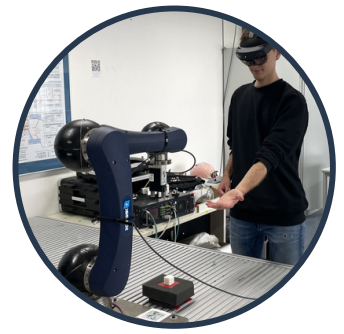


CHRISTIAN NATHAUS

AI & Robotics Engineer



About Me

I am passionate about enhancing human-robot interactions and leveraging AI methods to develop robots that are useful in real-world applications. Through my studies, internships, and projects, I have gained expertise in the diverse tasks required to develop and deploy such systems. I particularly enjoy working at the intersection of different domains. I look forward to starting my career in a dynamic, interdisciplinary, and diverse team.

cathaus.github.io

+49 157 7945 5299

linkedin.com/in/christian-nathaus

christian.nathaus@tum.de



Education



Yonsei University, South Korea
Semester Abroad



Technical University of Munich, Germany
M.Sc. Robotics, Cognition, Intelligence

- graduated with distinction (grade: 1.5)



NUS - National University of Singapore, Singapore
Semester Abroad



RWTH Aachen University, Germany
B.Sc. Mechanical Engineering

- graduated among top 5% of class

Work Experience & Projects



Master's Thesis @ TUM CPS Group

- "Augmented Reality-Enhanced Active Preference Learning for Human-Robot Collaboration (grade: 1.0)
- received Google DeepMind grant to present work at ICRA 2023 in London



Working Student @ WZL RWTH Aachen

- worked on AI part identification in additive manufacturing
- received 10k€ in funding for further research



Internship @ BMW Israel

- developed LLM prototype application for in-vehicle entertainment
- worked on computer-vision based navigation in parking garages



Practical Course @ RobCo

- integrated welding machine onto modular robot



Bachelor's Thesis @ IGMR RWTH Aachen

- worked on AI task planning for service robotics (grade: 1.0)

Skills

2023

Python, PyTorch,
Typescript, React,
Next.js
C#, Unity
ROS, C++
Matlab, Simulink

2020 - 2023

2019

2016 - 2020

Languages

German, native
English, TOEFL C2
Korean, basic

Interests

Beachvolleyball,
Climbing, Road
biking, Chess

2023

2022 - 2023

2021-2022

2021

2020