

(+49) 1522 2441871
Stuttgart, Germany
ning.gao@de.bosch.com

Ning Gao

Doctoral Researcher

Date of birth: 29.05.1992
Place of birth: Jilin, China
linkedin.com/in/ning-gao-9245a0165

I'm a fourth year PhD student at Autonomous Learning Robots (ALR) at KIT supervised by Prof. Gerhard Neumann. I'm also a doctoral researcher at Bosch Center for Artificial Intelligence (BCAI), Renningen, Germany. My research interests lie in the field of Meta-Learning and representation learning on Robot Perception & Manipulation.

SKILLS

Languages	Python, C++, Bash, SQL, \LaTeX , Markdown
Tools	Git, ROS, Blender
Communication	Chinese (native), English, German

WORK EXPERIENCE

Researcher <i>Bosch Center for Artificial Intelligence</i> Meta-Learning, Representation Learning, Robot Manipulation	May 2020 — Present <i>Renningen, Germany</i>
Master Thesis Student <i>Bosch Center for Artificial Intelligence</i> Benchmarking deep learning algorithms for 6DoF object pose estimation	May 2019 — Oct 2019 <i>Renningen, Germany</i>
Research Intern <i>Bosch Corporate Research</i> Driver's gaze estimation for autonomous driving	Oct 2018 — Feb 2019 <i>Renningen, Germany</i>
Research Intern <i>Bosch Corporate Research</i> Build interior camera system prototype for autonomous driving	Mar 2018 — Aug 2018 <i>Renningen, Germany</i>
Undergraduate Research Assistant <i>Institute of Measurement and Control Systems (MRT), KIT</i> Joint tracking for multiple pedestrians and vehicles	Nov 2017 — May 2018 <i>Karlsruhe, Germany</i>
Summer Intern <i>Daimler Greater China Ltd.</i> Engine testing and calibration	Jun. 2015 — Sep. 2015 <i>Beijing, China</i>

EDUCATION

Doctoral Researcher in Computer Science <i>Karlsruhe Institute of Technology, Karlsruhe, Germany</i>	2020-Present
M.Sc in Mechanical Engineering <i>Karlsruhe Institute of Technology, Karlsruhe, Germany</i>	2016-2019
B.Sc in Automotive Engineering <i>Tongji University, Shanghai</i> <i>Outstanding Graduate Award</i>	2011-2016
Daqing Experimental Highschool <i>Daqing, Heilongjiang Province</i>	2008-2011

ACTIVITIES

Reviewer of ICRA2021, ICRA2022, IROS2022, CoRL2022, CoRL2023 The Machine Learning Summer School, Tübingen, Germany	2020
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PUBLICATIONS

What Matters for Meta-Learning Vision Regression Tasks? <i>Gao, Ning and Ziesche, Hanna Carolin and Anh Vien, Ngo and Volpp, Michael and Neumann, Gerhard</i>	CVPR 2022
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