

Education

- Doctoral Candidate** Munich, Germany
 • Cyber-Physical Systems Group 07/2025 – Present
 Munich Center for Machine Learning
- M.Sc. Computer Science** Munich, Germany
 • Technical University of Munich 04/2022 – 01/2025
 GPA 4.0/4.0
- Visiting Student Researcher** Berkeley, USA
 • University of California, Berkeley 06/2024 – 12/2024
- Study Abroad** Brisbane, Australia
 • The University of Queensland 01/2023 – 07/2023
- B.Sc. Computer Science** Munich, Germany
 • Technical University of Munich 10/2018 – 10/2021
- Certificate “studium MINT”** Munich, Germany
 • Technical University of Munich 04/2018 – 08/2018

Experience

- Graduate Research Assistant** Munich, Germany
 • Cyber-Physical Systems Group 04/2024 – 09/2024
- Graduate Research Assistant** Munich, Germany
 • Cyber-Physical Systems Group 01/2022 – 03/2022
- Undergraduate Teaching Assistant** Munich, Germany
 • Lecture “Fundamentals: Databases” 10/2019 – 03/2020
- Internship** Oberpfaffenhofen, Germany
 • German Aerospace Center (DLR) 07/2014

Publications

- Marlon Müller***, Florian Finkeldei*, Hanna Krasowski*, Murat Arcak, and Matthias Althoff (2025). *Falsification-Driven Reinforcement Learning for Maritime Motion Planning*. Preprint
- Moritz Makowski, Friedrich Klappenbach, Andreas Luther, Frank Hase, Lena Feld, **Marlon Müller**, Vyas Giridharan, Catherine Fait, and Jia Chen (2024). *EM27 Retrieval Pipeline*. DOI: 10.5281/zenodo.14284968
- Hanna Krasowski*, Jakob Thumm*, **Marlon Müller**, Lukas Schäfer, Xiao Wang, and Matthias Althoff (2023). “Provably Safe Reinforcement Learning: Conceptual Analysis, Survey, and Benchmarking”. In: *Transactions on Machine Learning Research*. URL: <https://openreview.net/forum?id=mcN0ezbnz0>

Awards & Grants

- PROMOS Scholarship** 07/2024
 • German Academic Exchange Service
- Dean’s Commendation for Academic Excellence** 07/2023
 • The University of Queensland
- TUMexchange Program** 12/2021
 • Technical University of Munich