TRISTAN TOMILIN

PhD Candidate

@ t.tomilin@tue.nl   ● Eindhoven, The Netherlands   ⊕ ttomilin.github.io

in tristan-tomilin   ● TTomilin   Ⓘ 0009-0009-5805-3395

EXPERIENCE

PhD Researcher
Technical University of Eindhoven

📅 Nov 2021 – Present   ● Eindhoven, The Netherlands

Full-Stack Developer
Nortal AS

📅 April 2019 – Sept 2019   ● Tallinn, Estonia

Software Developer
Ardera OÜ

📅 Oct 2017 – April 2019   ● Tallinn, Estonia

Software Engineer
AS SEB Pank

📅 June 2015 – Nov 2018   ● Tallinn, Estonia

EDUCATION

PhD in Deep Reinforcement Learning
Eindhoven University of Technology

📅 Nov 2021 – Present

MSc in Data Science in Engineering
Eindhoven University of Technology

📅 Sept 2019 – Aug 2021   🎓 (GPA: 8.12/10.00)

Thesis: GViZDoom: A Benchmark for Generalization of FPS Games in Deep Reinforcement Learning (Grade: 9/10)

B.Sc. in Information Technology, Informatics
Tallinn University of Technology

📅 Sept 2013 – June 2016   🎓 (GPA: 4.45/5.00)

Thesis: Digital Identity Usage Notification Platform (Grade: 5/5)

RESEARCH INTERESTS

RL Benchmarking   Safe RL   Continual RL

Multi-Agent RL   Game AI

PUBLICATIONS

- Zihao Guo, Shuqing Shi, Richard Willis, **Tristan Tomilin**, et al. *SocialJax: An Evaluation Suite for Multi-agent RL in Sequential Social Dilemmas*. ICLR 2026.
- Ziyan Wang, Meng Fang, **Tristan Tomilin** et al. *Safe MARL with Natural Language Constraints*. AAAI 2026.
- **Tristan Tomilin** et al. *HASARD: A Benchmark for Embodied Safe Reinforcement Learning*. ICLR 2025.
- Bram Grooten, **Tristan Tomilin**, et al. *MaDi: Learning to Mask Distractions for Generalization in Visual Deep Reinforcement Learning*. AAMAS 2024.
- **Tristan Tomilin** et al. *COOM: A Game Benchmark for Continual RL*. NeurIPS 2023.
- **Tristan Tomilin** et al. *LevDoom: A Benchmark for Generalization on Level Difficulty in RL*. IEEE CoG 2022.

ACADEMIC ENGAGEMENT

Peer Review

NeurIPS	2024, 2025
ICML	2025, 2026
ICLR	2025, 2026
Journals	*Machine Learning, Robotics and Autonomous Systems*

Grants

- **NeurIPS 2025 Top Reviewer Grant**
  Complimentary registration awarded in recognition of outstanding reviewing.
- **ICML 2025 Top Reviewer Grant**
  Complimentary registration awarded in recognition of outstanding reviewing.
- **AAMAS 2024 Travel Grant**
  Awarded travel funding by the conference organizers.
- **NeurIPS 2023 Travel Grant**
  Awarded travel funding by the conference organizers.

Invited Talks

- **Leiden University**
- **RLChina** – Online seminar
- **TU Delft**
- **UoE Agents Group** – Online seminar

Research Visits

- 🏛 **UTS** – Prof. Ling Chen's group 2024
- 🏛 **UMD** – Prof. Tianyi Zhou's group 2023

Academic Development

- DLRL 2024 Summer School
- ESSAI 2023 Summer School