



# Marko Zarić

## Researcher

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## Areas of Interest

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- Reinforcement Learning
- Machine Learning for Robotics
- Motion Planning and Control
- Numerical Mathematics

## Positions

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- 04.2022 - current: Researcher at the Department of Computer Science, Intelligent and Interactive Systems, University of Innsbruck
- 04.2021 - 11.2021: Digital Signal Processing Engineer at Tesat-Spacecom

## Education

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- 10.2021 - current: MSc in Computer Science at University of Innsbruck
- 10.2016 - 01.2020: BSc in Mathematics at University of Innsbruck

## Projects

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- Current: [ELSA](#) (ANR-FWF Joint project 2022-2026)

## Publications

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1. Jakob Hollenstein, Marko Zaric, Samuele Tosatto, Justus Piater, Pink Noise LQR: How does Colored Noise affect the Optimal Policy in RL? ICML 2024 Workshop: Foundations of Reinforcement Learning and Control, 2024. Open Access [\[OpenReview\]](#) [\[PDF\]](#) [\[Abstract\]](#) [\[BibTeX\]](#)
2. Marko Zaric, Jakob Hollenstein, Justus Piater, Erwan Renaudo, Unsupervised Learning of Effective Actions in Robotics. Austrian Symposium on AI, Robotics and Vision, 2024. **AIRoV**



**2024 Best Paper Award. InterAC 2024 Best Student Paper Award.**



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