

Simon Giebenhain

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🌐 <https://simongiebenhain.github.io>
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Education

- 05/2020 – present 📖 **M.Sc. Computer Science, University of Konstanz**, Current Average: 1.0
Focus Areas: *Neural Implicit Representations* and *Geometric Deep Learning*.
- 09/2018 – 04/2019 📖 **Two Exchange Semesters at the University of Toronto**, Average grade: 1.0.
Highlight: *Statistical Machine Learning II* by David Duvenaud.
- 10/2015 – 05/2020 📖 **B.Sc. Computer Science, University of Konstanz**, Average grade: 1.0.
Thesis on Multi-Object Tracking in 3D using Kalman filters.
- 08/2007 – 06/2015 📖 **Abitur, Lichtenbergschule Darmstadt**, Final grade: 1.1

Employment History

- 10/2021 – present 📖 **Research Assistant** to continue my research on AIR-Nets.
- 01/2021 – 09/2021 📖 **Research Assistant** for LeiChen Wang at Daimler AG.
- 07/2020 – 10/2020 📖 **Research Assistant** at the Excellence Cluster *Advanced Study of Collective Behaviour*, continuation of my bachelor's project.
SS18 and WS19 📖 **Teaching Assistant** for *Mathematics for Data Science* under Prof. Sven Kosub.

Research Publications

- 1 **Giebenhain, S., & Goldluecke, B.** (2021). Air-nets: An attention-based framework for locally conditioned implicit representations. In *2021 international conference on 3d vision (3dv)*. IEEE. Retrieved from 🔗 <https://arxiv.org/abs/2110.11860>
- 2 Wang, L., **Giebenhain, S.**, Anklam, C., & Goldluecke, B. (2021). Radar ghost target detection via multimodal transformers. *IEEE Robotics and Automation Letters*, 6(4), 7758–7765.
🔗 [doi:10.1109/LRA.2021.3100176](https://doi.org/10.1109/LRA.2021.3100176)

Awards

- 2015 📖 **MINT Award** in chemistry by *Merck KGaA*
- 2018/19 📖 **Honor Roll, University of Toronto**, 5 maths and computer sciences courses above 90%.
- 2020 📖 **VEUK Award, University of Konstanz**, best bachelor's degree in computer science.

Skills & Hobbies

- Languages 📖 Strong reading, writing and speaking competencies in German and English.
- Coding 📖 Languages: Python, MATLAB, Java; Extensive experience with Pytorch.
- Maths 📖 Strong mathematical background through multiple. additional math courses
- Hobbies 📖 Bouldering, Windsurfing, Skiing and Hiking.