Simon Giebenhain

simon.giebenhain@uni-konstanz.de
https://simongiebenhain.github.io
https://github.com/SimonGiebenhain

Education

05/2020 – present — **M.Sc. Computer Science, University of Konstanz**
Focus Areas: *Neural Implicit Representations* and *Geometric Deep Learning*.
Current average grade: 1.0.

09/2018 – 04/2019 — **Two Exchange Semesters at the University of Toronto**
Highlight: *Statistical Machine Learning II* by David Duvenaud. Average grade: 1.0.

10/2015 – 05/2020 — **B.Sc. Computer Science, University of Konstanz**
Thesis on Multi-Object Tracking in 3D using Kalman filters. Average grade: 1.0.

08/2007 – 06/2015 — **Abitur, Lichtenbergschule Darmstadt**
Final grade: 1.1. MINT-award in chemistry by *Merck KGaA*.

Employment History

10/2021 – present — **Research Assistent** to continue my research on AIR-Nets.

01/2021 – 09/2021 — **Research Assistent** for LeiChen Wang at *Daimler AG*.

07/2020 – 10/2020 — **Research Assistent** 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

Skills & Hobbies

Languages — Strong reading, writing and speaking competencies in German and English.

Coding — Languages: Pyhton, MATLAB, Java; Extensive experience with Pytorch.

Maths — Strong mathematical background through multiple. additional math courses

Hobbies — Bouldering, Windsurfing, Skiing and Hiking.