Tom Lieberum

Education

08/2020 – ongoing	**Master Sc. (Artificial Intelligence)**, *University of Amsterdam, The Netherlands*. current GPA 9.39 (roughly equivalent to A+ in the US System)
09/2019 – 08/2020	**Self-studying Computer Science and AI**. Studying theoretical computer science, deep learning and reinforcement learning
10/2016 – 09/2019	**Bachelor (Physics)**, *RWTH Aachen University, Germany*. GPA 1.3 (roughly equivalent to A- in the US System)

Bachelor Thesis

Title	*Machine Learning for Top Tagging at the LHC*

Awards

2019	**Dean's List**. I was awarded the Dean's List certificate for being in the top 5 % of students in my year, during the academic year 2018-2019.
2018	**Dean's List**. I was awarded the Dean's List certificate for being in the top 5% of students in my year, during the academic year 2017-2018.

Additional Experience

MineRL BASALT, *2021*.
Participating in MineRL BASALT 2021 competition. Evaluation is ongoing.

Project AI, *2021*, "Representation learning for model-based RL in Minecraft".
University project with the goal of implementing and comparing different model based reinforcement learning methods in the MineRL environment

Languages

German	Native	English	C2 (TOEFL Score 119/120)

Technical skills

Python	Intermediate	Pytorch & Pytorch-lightning	Intermediate
LaTeX	Intermediate		