Jan Schnyder

Personal Details

Websites:	Portfolio , LinkedIn, Github
Birthday:	19.06.2000
Location:	Zürich, Switzerland
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Education

2021 - present — MSc. Computer Science at **ETH Zürich**
Major : Machine Intelligence , Minor : Data Science

2018 - 2021 — BSc. Computer Science at **Universität Zürich**
Major : Softwaresystems , Minor : Neuroinformatics
Bachelor thesis: Adversarial Training for Teaching Networks to Reject Unknown Inputs
Graduated with honours magna cum laude

2011-2017 — Swiss Matura at **Stiftsschule Einsiedeln**,
Diploma paper : Hypothermia and its psychological effects

Work

2022 - present — Data Science Research Assistant at ETH Zürich
Developing a Deep Learning Model for Leaf Classification at the ETH Plant Science Center

2020 — Software Engineering Intern at ESGroup AG, Zürich
Design and Implementation of an AI Chatbot with Natural Language Processing and integration into the expense management system CLEXX

2019 - present — Teaching Assistant for Informatics at Universität Zürich
Teaching and explaining Informatics to undergraduates. Leading and organizing classes with up to 50 students. Most Popular Informatics TA in Autumn 2020

Skills

Programming:	Python, Java, Javascript, C, C++, SQL
Technologies and Interests:	Pytorch, Tensorflow, Google dialogflow, Microsoft Graph Machine learning, Algorithms, Theoretical computer science
Languages:	Native German Cambridge English: Advanced (CAE) + language stay French B1 Swiss Matura + language stay

Projects

2021 | **My Bachelor's thesis**
Deep Adversarial Training for Teaching Networks to Reject Unknown Inputs (Github)

2021 - PRESENT | **Self Driving Car**
Implementing a Deep Reinforcement Learning Agent for the racing game Trackmania with Soft Actor Critic (Github)

2021 | **OpenAI GYM**
Deep Reinforcement Learning implementations for OpenAI GYM environments (Github). Placing **5th place** on the official public leaderboard of OpenAI.

2021 | **Generative Adversarial Networks**
Implementing AI colorization and other tasks with the help of GANs (Github)