

JAN SCHNYDER

PERSONAL DETAILS

WEBSITES: [Portfolio](#) , [LinkedIn](#), [Github](#)
BIRTHDAY: 19.06.2000
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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 5 th place on the official public leaderboard of OpenAI.
2021	Generative Adversarial Networks Implementing AI colorization and other tasks with the help of GANs (Github)