# Jan Schnyder

## Personal Details

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| Websites: | Portfolio , LinkedIn, Github |
| Birthday: | 19.06.2000 |
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## Education

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|---|---|
| 2021 - present | MSc. Computer Science at **ETH Zürich**<br>Major : Machine Intelligence, Minor : Theoretical Computer Science |
| 2018 - 2021 | BSc. Computer Science at **Universität Zürich**<br>Major : Softwaresystems, Minor : Neuroinformatics<br>Bachelor thesis: Adversarial Training for Teaching Networks to Reject Unknown Inputs<br>Graduated with honours magna cum laude |
| 2011-2017 | Swiss Matura at **Stiftsschule Einsiedeln**,<br>Diploma paper : Hypothermia and its psychological effects |

## Work Experience

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| 2020 | Software Engineering Intern at ESGroup AG, Zürich<br>Design and Implementation of an AI Chatbot with Natural Language Processing and integration into the expense managemnet system CLEXX |
| 2019 - present | Teaching Assistant for Informatics at Universität Zürich<br>Teaching and explaining Informatics to undergraduates. Most Popular Informatics TA in Autumn 2020 |

## Projects

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| 2021 | My Bachelor's thesis<br>Deep Adversarial Training for Teaching Networks to Reject Unknown Inputs (Github) |
| 2021 - present | Self Driving Car<br>Implementing a Deep Reinforcement Learning Agent for the racing game Trackmania with Soft Actor Critic (Github) |
| 2021 | OpenAI GYM<br>Deep Reinforcement Learning implemenations for OpenAI GYM environments (Github) |
| 2021 | Generative Adversarial Networks<br>Implementing AI colorization and other tasks with the help of GANs (Github) |

## SKILLS

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| PROGRAMMING: | Python, Java, Javascript, C, C++, SQL |
| TECHNOLOGIES AND INTERESTS: | Pytorch, Tensorflow, Google dialogflow, Microsoft Graph<br>Machine learning, Algorithms, Theoretical computer science |
| LANGUAGES: | Native German<br>Cambridge English: Advanced (CAE) + language stay<br>French B1 swiss matura + language stay |