

# 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**  
Major : MACHINE INTELLIGENCE, Minor : THEORETICAL COMPUTER 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

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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. Most Popular Informatics TA in Autumn 2020

## PROJECTS

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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](#))

2021 | Generative Adversarial Networks  
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  
Machine learning, Algorithms, Theoretical computer science

LANGUAGES: Native German  
Cambridge English: Advanced (CAE) + language stay  
French B1 Swiss Matura + language stay