

# DANIEL SCHROTER

Data Scientist



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## Links

<https://daniel.schroter.eu>

<https://github.com/danielschroter>

<http://skio.ai>

## Skills

### Technology

Python, R, Keras, Tensorflow,  
PyTorch, MERN-Stack

Machine Learning / Deep Learning

Reinforcement Learning

Natural Language Processing

CRISP-DM

Explainable AI

### Business

Analytical Problem Solving

Teamwork

Business Development & Business  
Plans

Agile Software Development

Pitching & Presentations

### Languages

German: Native

English, Spanish & Portuguese: Fluent

## Others

Social Entrepreneurship Project at  
Enactus München e.V.

Business Model Development  
(UnternehmerTUM GmbH)

Sailor, Drone Pilot & Videographer

## EDUCATION

Since 04/2021

**M. Sc. Computer Science at Technical University of Munich**

- Specialization: Machine Learning, NLP & Software Engineering

10/2017 – 05/2021

**B.Sc. Computer Science Technical University of Munich**

- Final Grade: 1.8
- Specialization: Mathematics, Statistics, Artificial Intelligence

10/2015 – 02/2019

**B. Sc. Management & Technology at Technical University of Munich**

- Final Grade: 1.5 | Dean's List
- Specialization: Computer Science, Operations Management

01/2013 – 08/2015

**Käthe-Kollwitz-Schule (High School), Bruchsal**

- Final Grade: 1.1 | **Exchange Year in Brazil** | Specialization: Psychology

## EXPERIENCE

Since 2019

**Founder at SKIO, Munich** (<http://skio.ai>)

- Founder of SKIO: A HR-Tech start up ([skio.ai](http://skio.ai)).
- Building a Web-App that uses NLP to connect experts within organizations

10/2020 – 01/2021

**Internship at Credit Suisse, Zurich, Switzerland**

- Cognitive Platform: Building an AI-based Chatbot with Rasa.
- Building a question answering system with haystack to retrieve answers from a set of documents

04/2017 – 06/2017

**Internship at AT Kearney, Munich**

- Mathematical Optimization for the selection of suppliers

09/2016 – 11/2016

**Internship at msg Gillardon, Ismaning,**

- PoC development for twitter sentiment analysis to monitor customer satisfaction

## PROJECTS

**Explainable AI:** Making Neural Networks explainable for NLP-tasks

**StackOverflow Tagging:** Multi-Input LSTM to automatically tag text.

**ProjectHR21:** Web-Application that uses NLP to connect experts.

**Predictive Maintenance:** Thesis - Applying Machine Learning in a production line.

**Peeroulette:** Web-Application to connect like-minded people via video chats

**Intelligent Inventory Management:** Thesis - Applying Reinforcement Learning to optimize cost in a serial supply chain.