

# DANIEL SCHROTER

Data Scientist & AI Engineer



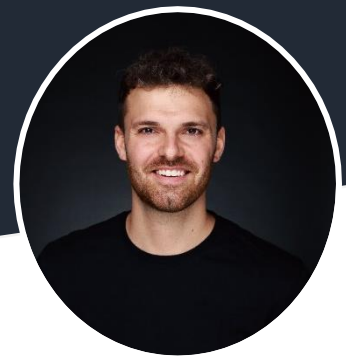
<https://daniel.schroter.eu>



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## Links

<https://daniel.schroter.eu>

<https://github.com/danielschroter>

## Skills

### Technology

Python, R, Keras, Tensorflow,  
PyTorch, Transformers

MERN-Stack / Next / Tailwind

Machine Learning / Deep Learning

Reinforcement Learning

Natural Language Processing

Explainable AI

Microservices / Serverless

### Business

Analytical Problem Solving

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, ethical AI & 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 04/2021

Technical Lead / Working Student, Bequa gGmbH

- Developing E-Commerce system for digital products including Umbrella Memberships

10/19-05/22

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

- Founder of SKIO: A HR-Tech start up.
- 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

**Discovering Human Values in Arguments:** Competition Winning NLP-System | **1<sup>st</sup>** of 41 teams.

**Explainable AI:** Making Siamese Neural Networks explainable for NLP-tasks | **5%** improvement.

**Predictive Quality Control:** Machine Learning in a production line | **51%** cost reduction.

**Intelligent Inventory:** Reinforcement Learning in supply chains. | **69%** cost reduction.

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

**AiOnePager:** A Web-Application that extracts Skills and automatically writes an OnePager