

SUMMARY

I studied mathematics & physics with great enthusiasm and entered the AI domain while working on statistical evaluations & IoT-Systems. I am driven by the goal to take part in building the ai applications of the next generation.

EXPERIENCE

- **SEMRON GmbH** *since May 2022*
ML & Compiler Lead Dresden
 - compiler infrastructure for custom accelerator
- **Symate GmbH** *September 2021 - April 2022*
Software Developer Dresden
 - IoT-System using Java/Scala and Kafka
- **IAV GmbH** *October 2017 - September 2020*
Working Student Stollberg
 - simulation & analysis tools in C++

EDUCATION

- **Technical University Dresden** *October 2018 - September 2021*
Bachelor Physics
 - German Grade Average: 1.4
 - Thesis: Depth-Resolved Determination of Vectorial Birefringence Using a Single-Input Polarization State
- **Technical University Dresden** *October 2017 - September 2020*
Bachelor Mathematics
 - German Grade Average: 1.2
 - Thesis: Symplectic Manifolds
 - Awards: Scholarship from the German Academic Scholarship Foundation (Studienstiftung)

PROGRAMMING SKILLS

- **Programming Languages:** Python, C/C++, Scala
- **Technologies:** Linux, PyTorch/Tensorflow, Docker