Nico Abramowski

Curriculum Vitae

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Date of birth: 05 Feb 2001

Profile

Computer Science student (B.Sc.) at the University of Rostock (2020-present). Practical focus on networking (Time-Sensitive Networking, SDN) and data science in Linux environments. Essentially fluent in German and English, beginner Bulgarian.

Highlights

- ○ TSN/SDN networking
- ○ Linux-first workflows
- ○ Data science & ML (Python)
- ○ Clean code & testing

Education

2020–Present	**B.Sc. Computer Science**, *University of Rostock*, Rostock, Germany Core topics: Algorithms and Data Structures, Operating Systems, Networks, Databases, Software Engineering. Focus areas: TSN/SDN and data science. **Bachelor's thesis:** *Nutzung von Large Language Models für natürlichsprachliche Anfragen auf Provenienz-Graphen* (advisor: M.Sc. Pia Wilsdorf , M.Sc. Justin N. Kreikemeyer). ePrints no. 803.
2014–2020	**Robert-Stock-Gymnasium**, *Hagenow* Abitur, 2020.
2011–2014	**Prof. Dr. Friedrich Heincke Schule**, *Hagenow*
2007–2011	**Grundschule Gammelin**, *Gammelin*

Technical Skills

Programming	Python, C, C++, Java, SQL	Tools	Git, Bash, Docker (basics), Linux
Data Science	NumPy, pandas, scikit-learn; Jupyter, data wrangling, basic ML	Networking	Linux networking; TSN concepts (scheduling, traffic shaping), SDN basics

Selected Projects

linuxhost (Linux hosts for TSN/SDN)	github.com/Nico-Ab/linuxhost - Linux network host configuration for TSN/SDN experiments; scripts and docs for setup, testing and reproducibility.
TSN Testbed	Configured and managed a small TSN network using SDN ideas (Linux hosts, controller-managed flows, traffic shaping). Documented setup and performance observations.

Languages

German	Native	*(fluent)*
English	C1	*(near-native)*
Bulgarian	Beginner	