

Nils Dambowy

Thomas-Mann-Straße 36, 63486 Bruchköbel
06181-79363 | nils.dambowy@gmail.com

EDUCATION

- 2023-ongoing **J.W. Goethe Universität Frankfurt a.M.** - B.Sc Physics
- 2018 - 2023 **J.W. Goethe Universität Frankfurt a.M.** - B.Sc Computer Science
Thesis: Optimizing a Natural Language Processing pipeline for the automatic creation of RDF data
- 2015 - 2018 **Lichtenberg-Oberstufen Gymnasium, Bruchköbel** - Abitur

WORK EXPERIENCE

- 2020-ongoing **Student Assistant, J.W. Goethe University, IT Service Center**
- Managed IT infrastructure for the Department of Economics and its associated buildings
 - Assisted national and international staff with technical issues
- 2020 - 2021 **ITF tournament, Bruchköbel**
- Managed the upload/editing of articles on the tournament website
 - Entered tournament and match results
 - Promoted the tournament experience on social media
- 2016-2018 **Computer support, Lichtenberg Oberstufen Gymnasium**
- Voluntary helpdesk in cooperation with AWO
 - Assisted with technical problems and created guides for home-use
 - Prepared short presentations on Office programs

PROFESSIONAL EXPERIENCE

- 2021 **Modeling and simulation of biological systems**
- Programmed a model to simulate the spread of a virus based on a scientific paper
 - Compared the scientific findings to the Corona pandemic and presented the results
- 2020 **Hardware practical course**
- Programming in VHDL
 - Design of various bit adders and logical circuits
- 2020 **Computer graphics**
- Implementation of several computer graphics representations and algorithms
 - Introduction to computer graphics such as anti-aliasing or ray tracing
- 2018-2023 **Lectures at J.W. Goethe University**
- Attended: Discrete Modeling, Data Structures, Theoretical Computer Science, NLP-supported Data Science, Hardware Architectures und Computing Systems, Introduction to Programming, Stochastics, Introduction to IT Project Management

SKILLS & INTERESTS

- Languages German, English
- Technologies Python, C++, SQL, Microsoft Office, Microsoft Windows, Linux, Android, Latex, OTRS, Ivanti Landesk, TeamViewer
- Interests Running, cycling, playing guitar, climbing