## Astrid Hofmann

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- ▶ 11.10.1999, Viechtach

# Qualities

multidisciplinary

creative in-depth structured

reflected dependeable

# Skills

Java Scala

Python + polars, GE, pytorch, opencv

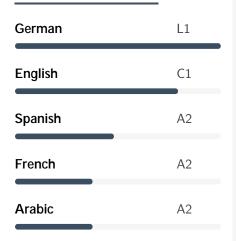
Javascript, Typescript + Dash, WebGL

kubernetes, docker

# Interests

- Al-Technology
- Mathmatics and strategic board games
- Music (10+ years piano, 5+ years viola, 2+ years digital)
- ▶ Languages and Linguistics

# Languages



# Voluntary Work

see next page

## Education

04.2017 - 02.2021

### Computer Science B.Sc.

Julius-Maximilians-Universität Würzburg

02.2021 - ongoing

## Computer Science M.Sc.

Julius-Maximilians-Universität Würzburg

2008 - 2016

## Allgemeine Hochschulreife (Abitur)

Deutschhaus-Gymnasium Würzburg

### Relevant coursework:

#### Bachelor:

- Genetics and Neurobio (11ECTS)
- Artifical Neural Networks & Data (35ECTS)
- extracurricular: German Linguistics, Number Theory I

#### Master:

- Reproduction of an ACL 2022 paper
- Designed and held a lecture for bachelor CS students on stable diffusion core intuitions and technologies
- Computer Vision lecture, including Deep Learning
- Seminar: Analyzed two datacenters for their sustainability with greenpeace methodology
- Masterthesis on multilingualizing CLIP-models, ongoing
- Masterproject on Deep Learning methods for Astrophotography

# **Experience**

### **EuInAction**

2021 - ongoing

- Team member of the euinaction.eu project, working on automated text analysis of legislative documents
- Data Engineering: United a 40GB corpus of messy research data of 5Million parliament speeches and legislative procedures.
- Visualization: Currently drafting an interactive visualization to showcase the projects results.

### University of Würzburg / Geonet GMBH

Developement

Developement

2017, 2018

- pre-study internship as well as holiday job
- Android BLE developement and hardware assembly

- Head-of-organization and headauthor for the university wide informatics & mathmatics magazine "Asinus", 2022 - 2023
- Participation in the student council, 2021-2023
  - designed, wrote and hosted static
- html announcement for our local music school's concert, 2022

BZJR Würzburg 2017-2020

• implemented changes in a workhour documentation tool in excel