

Astrid Hofmann

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- ▶ 11.10.1999, Viechtach

Qualities

multidisciplinary

creative in-depth structured

reflected dependable

Skills

Java Scala

Python + polars, GE, pytorch, opencv

Javascript, Typescript + Dash, WebGL

kubernetes, docker

Interests

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

Languages

German L1

English C1

Spanish A2

French A2

Arabic A2

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)
- Artificial 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

EulnAction

2021 - ongoing

Development

- Team member of the eulinaction.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

2017, 2018

Development

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

- ▶ Head-of-organization and head-author for the university wide informatics & mathematics 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

Freelance Project

- implemented changes in a workhour documentation tool in excel