Tobias Hoffmann

Date of birth: 07/03/1998 | Gender: Male | Nationality: German | Mobile phone: +49 15732703428 | Email address: tobias.m.hoffmann@pm.me | Website: https://github.com/Garbaz/ | Home address: Höllentalstraße 56, 79117, Freiburg im Breisgau (Germany)

⭐ Skills

Programming (proficient):
- Rust
- Python
- C

Programming (intermediate):
- C++
- Haskell
- Java
- Bash

Programming (basic):
- Agda
- Common Lisp
- JavaScript

Miscellaneous:
- Linux (proficient)
- Git (intermediate)

🗣 Language Skills

- **German**: Mother tongue
- **English**
    - Listening: C2
    - Reading: C2
    - Spoken production: C2
    - Spoken interaction: C2
    - Writing: C2
- **Japanese**
    - Listening: B1
    - Reading: B1
    - Spoken production: A1
    - Spoken interaction: A2
    - Writing: A2
- **Chinese**
    - Listening: A2
    - Reading: A2
    - Spoken production: A1
    - Spoken interaction: A1
    - Writing: A2

💼 Work experience

Research Assistant
01/01/2026 – Current

University of Freiburg | Freiburg im Breisgau, Germany

Maintaining a modern computer lab for students and researchers, setting up GPU servers for research and service deployment, developing research tools.

Website: https://digital-humanities.uni-freiburg.de/

Research Assistant
01/04/2025 – 31/12/2025

Klinik für Psychosomatische Medizin und Psychotherapie | Freiburg, Germany

Applying transcription, diarization and pose estimation frameworks to empiric research on verbal and non-verbal communication in therapy settings.

Research Assistant
15/05/2024 – 31/03/2025

University of Freiburg | Freiburg im Breisgau, Germany

Setting up a modern computer lab, configuring Linux desktop & server environments for research purposes, building tools for LLM research in Python & R.

Website: https://digital-humanities.uni-freiburg.de/

Research Assistant
01/04/2023 – Current

University of Freiburg | Freiburg im Breisgau, Germany

Implementing tools for cognitive research with large language models.

🎓 Education & Training

Master of Science
01/04/2024 – Current

University of Freiburg | Freiburg im Breisgau, Germany

Field(s) of study: Computer Science | **Type of credits:** ECTS | **Number of credits:** 120 | **Website:** https://uni-freiburg.de/en/

Bachelor of Science
01/10/2020 – 30/09/2023

University of Freiburg | Freiburg im Breisgau, Germany

https://raw.githubusercontent.com/Garbaz/bachelor-thesis/master/latex/thesis.pdf

Field(s) of study: Computer Science | **Final grade:** 1,7 (US-GPA: 3.3) | **Type of credits:** ECTS | **Number of credits:** 180 | **Thesis:** Embedded Probabilistic Programming in Rust | **Website:** https://uni-freiburg.de/en/

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01/10/2016 – 31/03/2020

Karlsruhe Institute of Technology | Karlsruhe, Germany

Field(s) of study: Mathematics, Electrical Engineering | **Website:** https://www.kit.edu/english/

Abitur (German Highschool Qualification)
01/09/2013 – 31/07/2016

Richard-Fehrenbach-Gewerbeschule | Freiburg im Breisgau, Germany

Field(s) of study: Computer Science | **Final grade:** 1,5 (US-GPA: 3.5) | **Website:** http://www.rfgs.de/