



Tobias Hoffmann

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WORK EXPERIENCE

1 APR 2023 – 30 SEP 2023 Freiburg im Breisgau, Germany
RESEARCH ASSISTANT UNIVERSITY OF FREIBURG

Implementing Python tools for surprisal research with large language models

EDUCATION AND TRAINING

1 OCT 2020 – 30 SEP 2023 Freiburg im Breisgau, Germany
BACHELOR OF SCIENCE University of Freiburg

Website <https://uni-freiburg.de/en/> | **Field 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

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

1 OCT 2016 – 31 MAR 2020 Karlsruhe, Germany
- Karlsruhe Institute of Technology

Website <https://www.kit.edu/english/> | **Field of study** Mathematics & Electrical Engineering

1 SEP 2013 – 31 JUL 2016 Freiburg im Breisgau, Germany
ABITUR (GERMAN HIGH SCHOOL QUALIFICATION) Richard-Fehrenbach-Gewerbeschule

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

LANGUAGE SKILLS

Mother tongue(s): **GERMAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2
JAPANESE	B1	B1	A1	A2	A2
CHINESE	A1	A2	A1	A1	A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● **DIGITAL SKILLS**

Programming (proficient)

Rust | Python | Haskell

Programming (intermediate)

C++ | Java | Agda | Bash | Javascript

Programming (basic)

Common Lisp | Scheme | Julia | Lua

AI Frameworks

Jax | PyTorch | Hugging Face Transformers

Miscellaneous

Linux (proficient) | Git (intermediate)