

ALEXANDER FRUMMET

Research Associate, PhD Student, Lecturer

📍 Regensburg, Germany 🐦 @alexfrummet 🌐 Alexander Frummet
🌐 <https://alexfrummet.github.io/> 🌐 <https://github.com/AlexFrummet>



EXPERIENCE

Research Associate

Chair of Information Science, University of Regensburg

📅 Oct. 2018 – Ongoing 📍 Regensburg, Germany

- **Research** in Conversational Search and Natural Language Processing (NLP) using qualitative and quantitative methods, incl. data annotation and analysis, software development for research-specific tools, training of LLMs/ML models, and implementation of NL Pipelines
- **Lecturer** for graduate and undergraduate courses, covering topics such as Python programming, natural language processing, web technologies, databases, and more

Guest Lecturer

Deggendorf Institute of Technology

📅 Mar. 2023 – Aug. 2023 📍 Deggendorf, Germany

- Lecturer for the course “Human Factors and Human-Machine Interaction” as part of the Bachelor’s program in Artificial Intelligence.

Visiting Researcher

GRILL lab, University of Glasgow

📅 Aug. 2021 – Sep. 2021 📍 Glasgow, Scotland

- Research on “Knowledge-Grounded Conversations”: Studied user expectations, knowledge transfer, and interactions with active/passive voice assistants in the kitchen
- Supported a team that won the prestigious “Amazon Alexa Challenge”

Student Assistant

Chair of Information Science, University of Regensburg

📅 Oct. 2015 – Oct. 2018 📍 Regensburg, Germany

- **Tutor:** Led courses on Database Management Systems, incl. the creation and evaluation of student assessments
- **Software Development:** Developed a food recommendation chatbot and contributed to a Digital Humanities software project for the University of Passau

Federal Volunteer Service (BFD)

Music School of Neustadt a.d. Waldnaab

📅 Sep. 2012 – Aug. 2013 📍 Neustadt a.d. Waldnaab, Germany

- **Childcare:** Assisted in early musical education for children
- **Instructor:** Provided guitar lessons and led a preparatory course for the D1 proficiency badge of the Northern Bavarian Music Association

SKILLS

Machine Learning NLP Scientific Writing
Leadership Statistics Python PyTorch
huggingface scikit-learn Haystack
Pandas NumPy spaCy matplotlib
git React PostgreSQL mongoDB
Typescript Flask Java C# R
JavaScript

EDUCATION

Ph.D. in Information Science

University of Regensburg

📅 Jan. 2019 – 2024

Thesis title: Conversational Search in Procedural Tasks: A Case Study in the Cooking Domain

Supervision: PD Dr. David Elsweiler

M.Sc. in Media Informatics

University of Regensburg

📅 Oct. 2016 – Sep. 2018

B.A. in General & Comparative Linguistics and Information Science

University of Regensburg

📅 Oct. 2013 – Sep. 2016

SCHOLARSHIPS

🏆 DAAD Research Scholarship

PhD research scholarship granted by the German Exchange Service for a 2-month research stay at the University of Glasgow.

🏆 Deutschlandstipendium

Scholarship for high-achieving and committed students granted by the Federal Government.

LANGUAGES

German (native language), English (fluent), French (intermediate), Spanish (basic)