

HANNA HUBARAVA

NLP Research Assistant
MA/MSc Student – Computational Linguistics and Neuroinformatics

@ hanna.hubarava@uzh.ch

📍 Zurich, CH

📧 shtosti

🌐 hanna-hubarava

🏠 Residence permit C

TECH STACK

Python HTML

Anaconda

Jupyter GitHub

Version Control

PyTorch scikit-learn

Pandas Hugging Face

IBM Watson

spaCy NLTK Gensim

INTERESTS

NLP for Social Sciences

Bias in LLM

Safety Guardrails

Neural Computation

RAG Text Mining

Text Classification

Topic Modelling

Exploratory Data Analysis

LANGUAGES

Russian: **native**
Belarusian: **native**
German: **fluent**
English: **fluent**
Spanish: **intermediate**
Italian: **beginner**

IBM Watson 
Chatbot
Challenge

IBM Academic Initiative
Intermediate



EXPERIENCE

Research Assistant | Social Computing Group - UZH

📅 since March 2024 (*ongoing, 20%*) 📍 Zurich, Switzerland

- Explore and evaluate cultural and political bias in LLM
- Investigate sensitivity of safety guardrails in LLM across languages

NLP Research Assistant | Center for Reproducible Science - UZH

📅 since March 2024 (*ongoing, 40%*) 📍 Zurich, Switzerland

- Build a pipeline for automatic classification of neuroscience publications
- Contribute to the ongoing efforts to digitize neuroscience

Teaching Assistant | UZH

📅 Sep 2023 - Jan 2024 📍 Zurich, Switzerland

- Teach Undergraduate course in Introduction to Computational Linguistics
- Hold tutorial and Q&A sessions, prepare and grade course assignments, assist with software installation and examination

Watson Challenge Participant | IBM

📅 Feb 2023 - June 2023 📍 Zurich, Switzerland

- Build a Watson-based virtual assistant for a use-case by Digitec Galaxus AG
- Key Contributions: dialogue architecture, intent recognition, guardrails for violent and inappropriate text

Knowledge Support | SGS Société Générale de Surveillance SA

📅 May 2019 - Feb 2024 (*part-time*) 📍 Zurich, Switzerland

- Coordinate SGS Academy B2B trainings
- Manage the content of the SGS Academy Switzerland website in collaboration with the web-development team

EDUCATION

Master's | UZH, visiting student ETH

📅 since SS 2022 📍 Zurich, Switzerland

Major: MA Computational Linguistics; Minor: MSc Neuroinformatics

Summer School Voice ID | UZH

📅 Sep 4 - 13 2023 📍 Zurich, Switzerland

Production, Perception and Acoustic Modelling of Human and Animal Vocalizations

Master's | ZHAW

📅 SS 2018 - SS 2019 📍 Zurich, Switzerland

MA Translation and Interpreting Studies

Bachelor's | Minsk State Linguistic University

📅 FS 2012 - SS 2016 📍 Minsk, Belarus

Communication Science and Translation Studies (Specialization Political Relations)