



The EPFL Natural Language Processing (NLP) lab is looking to hire a postdoctoral researcher candidate in the area of multilingual LLM design, training, and evaluation. This postdoctoral position is as part of a Swiss AI Initiative (swiss-ai.org) Large Project Grant.

You will have the opportunity to work with highly talented and motivated EPFL and ETH Zurich researchers. There will be opportunities to organize and supervise Master's students (individually and in teams). There will be large-scale computing resources (e.g., 10000+ GH200 GPUs) available to execute your agenda.

Responsibilities:

- Perform original research in multilingual LLM development, including but not limited to data mixtures, regional knowledge evaluation, tokenization, and architectures.
- Co-Supervise PhD and MSc students of the NLP laboratory.

Qualifications:

Applications should have completed or be close to completing a PhD in computer science, information science, or other related technical fields. We expect a strong scientific background and a proven publication record in machine learning, natural language processing, computer vision, artificial intelligence, or statistics. Prior experience in working on multilinguality or LLM training will be considered an asset. Communication skills in English are required.

Duration:

The expected duration of the position will be for 2 years with a possibility for extension after. The starting date is flexible, but must be by January 2026.

Pay / Benefits:

- Pay during the first year will be around 87'900 CHF and increase by 1'500 CHF per year.
- Five weeks of vacation time / year (**mandatory**)
- Accident Insurance
- Retirement benefits

Application:

Please fill out this form: <https://forms.gle/9Jro3wG7sPHvX6YC9>

We will accept applications until the position is filled.

EPFL:

EPFL ranks among the world's top universities in computer science, and in machine learning in particular. It is located in Lausanne, Switzerland, a beautiful and vibrant city in an Alpine setting on the shores of scenic Lake Geneva, in the very heart of Europe. English is the main language spoken at EPFL, and Lausanne is highly international, such that no French language skills are required. EPFL is an equal opportunity employer.

Contact:

If you have questions, please feel free to contact antoine.bosselut@epfl.ch

Notes:

The application form requires a Google Account. If you are not able to access a Google Account, please send the following by e-mail to antoine.bosselut@epfl.ch with the subject heading **[EPFL NLP Postdoc Application]**:

- CV (including list of publications)
- Two representative publications / preprints
- Webpage / Google Scholar / Semantic Scholar links
- Contact information for two willing reference letter writers
- Cover Letter (if there is additional information you think is relevant)