



Zurich, 17. October 2023

## Research assistant in computer science (20%)

Professor Fabrizio Gilardi invites applications for a research assistant position (Hilfsassistent:in) (20%), **starting in December 2023 or January 2024**. The position is initially offered **for three months**, but may be extended.

### Responsibilities

The main tasks are to provide specific technical and computational support for the further development of the Tool for Online Discussions (TOD) and to implement data pipelines in Python or R for interfacing with the GPT API.

### Qualifications

The position is suitable for **MA students** in computer science who meet the following requirements:

- Enrolled in a **computer science or similar degree** program (**MA**) at the University of Zurich, ETH or ZHAW (or any other Swiss university/university of applied sciences)
- Excellent working knowledge of JavaScript (TypeScript) and Web Design (e.g., Svelte, React, Vue)
- Good working knowledge of web hosting
- Good working knowledge of Python for API interaction and some knowledge for Data Analysis
- Good oral communication skills in English (knowledge of German is a plus)
- High degree of self-motivation and excellent work ethics

### We offer

- Working with an international team of researchers doing cutting-edge research on digital technology and democracy
- Gaining experience in prompt engineering and working with the GPT API
- Gaining research experience
- Workspace at the Department of Political Science (Affolternstrasse 56, 8050 Zurich)

### This position opens on

The starting date for the position is December 2023 or January 2024. It is initially offered for three months but may be extended.

### How to apply

For any questions about this position, feel free to send an email to Valeria Vuk ([valeria.vuk@uzh.ch](mailto:valeria.vuk@uzh.ch)). Please address your application, including motivation letter, CV, proof of academic performance and, if available, a link to your GitHub account as well as a 1-page description of one of your projects on GitHub, to [valeria.vuk@uzh.ch](mailto:valeria.vuk@uzh.ch) with the subject "Student assistant (ArgumentBot)". Review of applications will begin on November 5, 2023, and continue until the position is filled.