

Ivan Ogasawara

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Hiring Committee — GESIS - Leibniz Institute for the Social Sciences

Köln, Germany

November 5, 2025

Re: Application: Research Associate — Trusted Research Environments & Researcher Training (DSS-23)

Dear Hiring Committee,

I'm applying for the "Research Associate in Trusted Research Environments & Researcher Training (DSS-23)" role. I combine hands-on software engineering with teaching: **Research Software Engineer**, **Technical Lead**, and active **Instructor/Mentor**. My work focuses on building libraries, tools, and infrastructure that support research and data projects, with reproducible, and collaborative practices.

I serve as a **Teaching Assistant** in WorldQuant University's *Applied Data Science Lab* and at **The GRAPH Courses**, where I'm **Instructor** for "Python Basics & Beyond: Intro to Data Analysis with Python" and **Teaching Assistant** for "Generative AI for Work & Research". I lead workshops and code reviews, mentor projects, and help participants develop clear habits across areas such as health care, literature review, compilers, DevOps, and AI.

As an engineer, I build and operate backend/data services and CI/CD workflows (Python/Django, Apache Superset, Apache Airflow, REST APIs, containers, packaging). In public-health RSE roles, I helped deliver epidemiological portals (influenza/dengue).

I am the **Founder & Executive Director (free time)** of **Open Science Labs**, mentoring contributors through internships and **Google Summer of Code**. I served as an **Advisor** at **pyOpenSci** and on the **Steering Committee** of the Open Science Framework - Open Source Community.

I can offer GESIS: reproducible platform practices (packaging, CI/CD, documentation), effective training and mentoring, and open-source leadership aligned with trusted research environments.

Thank you for your consideration.

Sincerely,

Ivan Ogasawara