



Job posting no. 20260120

The GWDG is seeking two

Generative AI Developers (m/f/d)

to join an interdisciplinary team of HPC experts in the working group “Computing” (AG C) with a regular working week of 39 hours (100%). Remuneration is in accordance with the collective agreement for the German public service (federal government); depending on qualifications, the position will be grade E 13. The position is suitable for part-time work and initially limited till 31.05.2028. The GWDG strives for long-term cooperation. If interested, there is the possibility of a doctorate.

The Gesellschaft für wissenschaftliche Datenverarbeitung mbH Göttingen (GWDG) is the university computing center for the Georg-August-Universität Göttingen and a computing and IT competence center for the Max Planck Society. The provision of high-performance HPC systems has been one of its tasks for over 40 years. In 2020, the University of Göttingen / GWDG was accepted as one of eight computing centers in the National High-Performance Computing (NHR) network. The GWDG operates the HLRN-IV system “Emmy”, one of the most powerful computers in the world.

As a national supercomputing center, the GWDG offers technical support to researchers and students from various science domains using sophisticated computer codes, including earth system science, life science, and engineering. We also participate in both national and international research projects. At the same time, we aim to improve our close collaboration with The German Aerospace Center (DLR), and specialized computing centers including the German Climate Computing Center (DKRZ) and the Institute for Advanced Simulation Jülich (IAS-JSC).

As part of our AI Service Center for Sensitive and Critical Infrastructure (KISSKI) we have created a number of AI-based services that offer high levels of security and privacy due to being processed on our own hardware. Moreover, as part of KISSKI and the EU AI Factory HammerHAI as well as due to our general efforts to increase the reach of our AI offerings, we collaborate with a number of customers including universities, public institutions and companies in order to explore the application of AI technologies to customer use cases.

The GWDG together with the Faculty of Mathematics and Computer Science and the Campus Institute Data Science (CIDAS) of the University of Göttingen provides a stimulating research environment in Scientific Computing, with an opportunity to conduct research in the intersection of applied computer science, High-Performance Computing, AI, and Machine Learning.

Responsibilities

We have a wide range of potential responsibilities that we would like to discuss with you. Your responsibilities in our team could include, for example:

- Further development of our AI services (including Chat AI, Voice AI and Image AI)
- Further development of the SAIA Platform (Scalable Artificial Intelligence (AI) Accelerator)
- Implementation and optimization of inference jobs on our HPC cluster
- Support for scientists and companies in the development of AI services
- Representation at workshops and conferences
- Design appropriate solutions to address customer use cases building upon our existing AI infrastructure
- Document solutions for internal knowledge sharing and customer handover

Requirements

- Successfully completed academic university degree (master's or bachelor's degree) in computer science or related fields
- Very good programming skills in a high-level programming language, primarily Python
- Very good Linux skills (e.g. Bash scripting, Git, containers)
- Good knowledge of software engineering (security, testing)
- Good knowledge of DevOps (e.g. Gitlab, CI/CD pipelines, automated testing, pytest)
- Good knowledge of databases (SQLModel, SQL, PostgreSQL, SQLite)
- Experience with web development (HTTP, FastAPI, HTML, JavaScript)
- Basics in generative AI (e.g. LLMs, diffusion models, and use with Pytorch or Tensorflow)
- Experience with the use of HPC systems desirable (e.g. SLURM)
- Excellent analytical skills
- Excellent problem-solving skills
- Very good English skills
- Willingness to travel on business

Desirable

- Ability to communicate technical concepts to non-technical customers
- Experience with customer-facing technical roles
- Basics in agile software development (e.g. Kanban, Scrum)
- Experience with service-oriented user support
- Exposure to HPC, scientific computing, or data-intensive domains
- Intermediate knowledge of German

Our offer

- Flexible working hours and opportunity for mobile working
- A modern, diverse, and exceptional work environment with close proximity to academia and research at the intersection of several innovative technology sectors
- An interesting, versatile job in a large, internationally operating IT competence center
- Collaboration in a competent and committed team
- Qualification and further development of your skills
- Social benefits of the public sector

Your application

Have we sparked your interest? Then please send us your application by **22.02.2026** via our [online form](#).

The GWDG strives for gender equity and diversity and therefore welcomes applications from any background. The GWDG strives to employ more severely disabled people. Applications from severely disabled persons are expressly encouraged.

If you have any questions about the advertised position, please contact Prof. Dr. Julian Kunkel (e-mail: julian.kunkel@gwdg.de) or Dr. Christian Boehme (e-mail: christian.boehme@gwdg.de).