

Director
IT4Innovations
VSB - Technical University of Ostrava
announces a selection procedure for a post of
R&D Support Staff
for Advanced Data Analysis and Simulations Lab

The position is suitable for both women and men.

IT4Innovations National Supercomputing Center is a leading research, development, and innovation centre active in the fields of High-Performance Computing (HPC), Data Analytics (HPDA), Artificial Intelligence (AI), and Quantum Computing (QC) and their applications. We have strong international links and employ more than 150 scientific, technical, and administrative staff. At present, IT4Innovations is running two supercomputers: Karolina (15.7 PFlop/s, installed in the summer of 2021), Barbora (849 TFlop/s, installed in the autumn of 2019), and is a member of the consortium operating LUMI, one of Europe's most powerful supercomputers. The VLQ quantum computer will be installed at IT4Innovations in 2025. For more details, see www.it4i.eu.

Activity description:

We are extending our team with a new position to drive development of complex distributed services focused on easy access to compute workflows and distributed data management across HPC clusters, Quantum and Cloud environments

The responsibilities of the candidates for this role are:

- contribute to development of selected software components of the in-house platforms for computing and data management,
- design and implementation of software features under supervision of senior team members,
- implementation of integration and unit tests, maintenance of metadata handling scripts,
- integration of external data transfer APIs in the distributed data management systems.

Full time equivalent:	0,5 - 1
Type of job contract:	fixed-term employment
Expected start of employment:	1. 6. 2025 or as agreed

We require:

- enrollment in Bachelor study programme in software engineering / computer science,
- knowledge of software development management methods and tools,
- experience with distributed data management systems such as iRODS or similar,
- proven experience with API and test development in Python,
- will to work in an international environment which requires good communication skills in the English language both spoken and written,
- independent problem solving,
- ability to learn new technologies and to work in a dynamic research environment.

Candidate advantage:

- experience with RPC frameworks such as Celery or ZeroMQ

We offer:

- work in a promising organization,
- salary evaluation according project conditions and candidate's experience,
- modern laboratory and classroom facilities,
- opportunity to participate in excellent research team,
- possibility of further education,
- 6 weeks of holidays,
- flexible working hours,
- university kindergarten,
- contribution option to pension plan,
- company catering in the canteen,
- MultiSport card,
- other employee benefits according to the employer's offer.

Your personal data will be processed to the extent necessary for the implementation of the selection procedure in accordance with EU Regulation 2016/679.

<https://www.vsb.cz/export/sites/vsb/en/.content/files/Informace-pro-uchazece-o-zamestnani-AJ.pdf>

The application form substantiated with a letter of motivation and CV should be sent electronically to the email address: petra.brozova@vsb.cz **until 25. 5. 2025.**

In the subject of the email, please state "Open Call for the position of the R&D Support Staff for ADAS lab".