Director
of IT4Innovations National Supercomputing Center
VSB - Technical University of Ostrava
announces a selection procedure for a post of
Postdoc - AI research
Advances Data Analysis and Simulations Laboratory

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.

Required expertise:
HPC infrastructure
AI system deployment

Activity description:
- development of new AI enabled tools,
- optimization of training and inference pipelines for AI models,
- collaborate with a well established group of developers and researchers creating highly innovative platforms that make life easier for other scientists.

Full time equivalent:	1,0
Type of job contract:	fixed-term employment
Expected start of employment:	1. 7. 2025 or as agreed
Number of positions:	2

We require:
- minimum Ph.D. in computer science,
- required experience:
    - knowledge of AI libraries such as PyTorch or TensorFlow,
    - proven scientific record in AI modelling,
    - proven experience with work on the international research projects,
    - broad knowledge of models and trends in the AI community,
    - proficiency with git,
    o   work in Linux environment and CLI,
- experience with the following technologies is an advantage:
    - experience with High Performance Computing systems,

- will to work in an international environment which requires good communication skills in the English language both spoken and written,
- ability to learn new technologies and to work in a dynamic research environment.

We offer:
- work in a promising organization,
- salary evaluation according to the candidate's experience,
- modern laboratory and classroom facilities,
- opportunity to participate in excellent research,
- possibility of further education,
- 6 weeks of holidays,
- flexible working hours,
- university kindergarten,
- contribution 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

Send applications accompanied by a CV and motivation letter to the email address: petra.brozova@vsb.cz **until 30. 5. 2025.**

In the subject of the email, please state "Open Call for the position of the Researcher - AI model development for the Advanced Data Analysis and Simulations Laboratory".

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