Director of the Institute of Theoretical and Applied Informatics, Polish Academy of Sciences announces an open competition for a research assistant position in the Computer Systems Modelling and Performance Evaluation Group

INSTITUTION: Institute of Theoretical and Applied Informatics, PAS

CITY: Gliwice

POSITION: research assistant (pol. asystent)

DISCIPLINE: information and communication technology

POSTED:: 2022-01-27

DOCUMENTS SUBMISSION DEADLINE: 2022-02-10

WEBSITE: www.iitis.pl

KEYWORDS: autonomous vehicles, testing and simulation of autonomous driving systems, machine learning, deep learning

DESCRIPTION (field, expectations, comments):

We offer a position of an assistant in the area of development, testing and simulation of autonomous driving systems. The selected candidate will join the Computer Systems Modelling and Performance Evaluation Group at the Institute of Theoretical and Applied Informatics of the Polish Academy of Sciences (IITiS PAN) in Gliwice. The engaged researcher will participate in the Institute's activities related to research on security of autonomous driving systems and development of new solutions related to world perception and control of autonomous vehicles. The position does not include teaching responsibilities.

The candidate is required to have:
- title of `magister' or equivalent (M.Sc.) in the field of computer science (information and communication technology discipline) or related fields,
- good spoken and written English language skills (min. B2),
- good knowledge of autonomous driving systems and practical experience with this type of systems (both at the hardware - sensors and software level),
- practical experience in the field of autonomous systems testing,
- practical experience with autonomous vehicle simulation,
- good knowledge of C++ and Python programming languages,
- good knowledge of the following tools: Robotic Operating System (ROS), Unity,
- ability to work effectively as part of a team.

Other desirable assets:
- knowledge of Machine Learning methods (in particular deep learning methods) and aspects related to object detection, classification and semantic segmentation (image and video),
- experience in conducting research work, confirmed by authorship or co-authorship of scientific publications,

- participation in research projects.

Required documents:
- Application letter;
- Curriculum Vitae;
- proof of obtained university degree;
- Additional documents (or copies) verifying qualifications.

Job applications have to be submitted personally or by post to Secretary of Institute of Theoretical and Applied Informatics, PAS to the address: ul. Bałtycka 5, 44-100 Gliwice.
On the envelope it should be written: "*Konkurs na stanowisko asystenta w ZMiOESK*".
The deadline for submitting applications expires on 2022-02-10; 3pm (date of receipt).

According to Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016, we also require that by applying, a candidate expresses his/her consent to the processing by the Institute of Theoretical and Applied Informatics, Polish Academy of Sciences of his/her personal data needed for the recruitment process.