

## FORM FOR EMPLOYERS

**INSTITUTION:** AGH University of Krakow

**DEPARTMENT:** Faculty of Electrical Engineering, Automatics, Computer Science and Biomedical Engineering

**CITY:** Krakow

**POSITION:** Research and teaching assistant in a group of research and teaching workers (3 positions)

**DISCIPLINE:** automation, electronic, electrical engineering and space technologies

**EXPIRES:** 15.06.2023

**KEY WORDS:** FPGA, SoC FPGA, heterogenous computing systems, computer vision, Unmanned Aerial Vehicles

**DESCRIPTION** (field, expectations, comments):

The candidate should fulfill the following conditions:

- possession of a professional degree of Master of Science (Automatic Control and Robotics) in the automation, electronic, electrical engineering and space technologies discipline,
- possession of the status of a doctoral student in the Doctoral School after a successful mid-term evaluation and completion of the modules preparing for academic teaching provided for in the curriculum of the Doctoral School,
- knowledge of scientific topics, confirmed by publications, manuscripts of publications, theses, projects, references or presentations at conferences and competitions, covering the following issues: control of autonomous robots (unmanned aerial vehicles or ground robots) using video data, processing, analysis and recognition of images and acceleration of algorithms using FPGA platforms and heterogeneous SoC FPGA, design of computing architecture for heterogeneous systems,
- authorship or co-authorship of at least two IF journal articles covering the above listed scientific topics,
- proven knowledge of programming languages: C/C++, CUDA C++, Matlab, Python and Verilog/System Verilog hardware description language,
- knowledge of libraries, development tools and simulators: OpenCV, PyTorch, Tensorflow, CARLA, Vivado,
- knowledge of the English language at a level of at least B-2 as defined by the Council of Europe's Common European Framework of Reference for Languages (in particular scientific vocabulary, ability to analyse and edit scientific texts in English and conduct didactic activities: laboratories, lectures),
- knowledge of the Polish language to the extent that it is possible to: prepare didactic materials (instructions, scripts) and conduct didactic activities (laboratories, lectures), candidates who are not Polish citizens should attach a certificate of knowledge of the Polish language at the level of at least C-1,
- experience in academic teaching and completion of an academic teaching training course,
- possession of a UAV (Unmanned Aerial Vehicle) operator qualification certificate,
- additional advantages will be:
  - familiarity with the Latex tool,
  - active participation in scientific grants,
  - an aptitude and passion for research and teaching.

DOCUMENTS REQUIRED:

1. application, CV, personal questionnaire,
2. a document certifying a degree of Master of Science (Automatic Control and Robotics) in the automation, electronic, electrical engineering and space technologies discipline,
3. copies of diplomas and other documents confirming qualifications,
4. proof of at least B2 level of language proficiency,
5. an opinion confirming science and teaching predispositions
6. candidates who are not Polish citizens - a document confirming the knowledge of the Polish language at the minimum level C-1
7. proof of a doctoral student status

DOCUMENTS MUST BE SUBMITTED AT:

mail address: [kair@agh.edu.pl](mailto:kair@agh.edu.pl) or at AGH University of Krakow, Faculty of Electrical Engineering, Automatics, Computer Science and Biomedical Engineering, 30-059 Cracow, Al. Mickiewicza 30, building B-1, office 310. Poland

The AGH University will be the candidate's main place of employment.

*The AGH University of Science and Technology does not require you to provide any information or data other than those resulting from the applicable law (name/names, surname, date of birth, contact details, education, professional qualifications and employment history). However, if you choose to include your photograph or any other information, please fill in and attach this statement of consent to the processing of personal data, which constitutes an attachment to this information.*

*The controller of your personal data processed in order to carry out the recruitment process for the above-mentioned position is the Stanisław Staszic AGH University of Science and Technology in Krakow, al. A. Mickiewicza 30, 30-059 Krakow. You can read the full information concerning the processing of your personal data on the AGH University of Science and Technology's website after going to the "Protection of personal data" tab at ([www.agh.edu.pl/RODO](http://www.agh.edu.pl/RODO)).*

*The University reserves the right not to settle the competition without providing any reason or justification. Winning the competition is not tantamount to ensuring the candidate's employment. The result of the competition serves solely as a recommendation to the Rector in this regard. The final decision concerning the employment will be made by the Rector.*

Cracow, on .....

.....  
*name and surname*

**CONSENT TO PERSONAL DATA PROCESSING**  
(recruitment - employee)

Pursuant to Article 6(1)(a) of the Regulation (EU) 2016/679 of the European Parliament and of the Council of April 27, 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data and repealing Directive 95/46/EC (General Data Protection Regulation), [OJ EU. L. 2016.119.1, May 4, 2016] hereinafter referred to as "GDPR", **I consent to the processing of my personal data other** than the data mentioned in Article 22<sup>1</sup> § 1 of the Labour Code and contained in my CV and other application documents, and to the reproduction of my physical likeness **for the purposes of recruitment and selection for the position of** ..... (contest notice no. ....).

In addition, I declare that the request for consent has been presented in a clear and understandable manner and that I have been informed about a possibility of withdrawing my consent at any time as well as about consent accountability. The withdrawal of consent to have personal data processed shall not affect the legality of the processing, which is carried out on the basis of such consent prior to its withdrawal; The consent may be withdrawn by submitting a written representation on consent withdrawal at a place that was indicated in the contest notice as the place for submitting documents.

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Date and signature