

## FORM FOR EMPLOYERS

**INSTITUTION:** AGH University of Krakow

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

**CITY:** Krakow

**POSITION:** Assistant in the group of research and teaching staff in the Department of Automation and Robotics

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

**EXPIRES:** 2.05.2024

**WEBSITE:** <https://www.agh.edu.pl/o-agh/praca-w-agh>

**KEYWORDS:** automation and robotics, process diagnostics, data analysis, information systems, databases, digital control, diagnostics, artificial intelligence, embedded systems, computer vision

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

The candidate should meet the conditions set forth in the Law of July 20, 2018. - Law on Higher Education and Science (i.e., Journal of Laws of 2023, item 742 hereinafter the Law). Working conditions and salary according to the applicable Law.

### **Requirements:**

- 1) master's degree in engineering (or equivalent) from Automation and Robotics or related field, in the discipline of automation, electronics, electrical engineering and space technology,
- 2) familiarity with scientific issues, as evidenced by publications, manuscripts of publications, theses, projects, references or speeches at conferences and competitions, covering the topics of: Autonomous robots (unmanned flying or driving vehicles) using vision data, perception of the environment using object tracking, processing, analysis and recognition of images and acceleration of algorithms using FPGA platforms and heterogeneous SoC FPGAs, use of artificial intelligence in vision algorithms and its acceleration in embedded systems, design of computational architecture for heterogeneous systems,
- 3) authorship or co-authorship of at least one article in an Impact Factor journal and presentation of at least one paper at an international conference,
- 4) ability to typeset text in Latex,
- 5) teaching experience in image processing, embedded systems or programming and completion of a teaching development course,
- 6) knowledge of English at a level of at least B-2, documented by an appropriate certificate,
- 7) knowledge of the Polish language to the extent of being able to:
  - a) communicate with other members of the team,
  - b) present in front of the research group the progress of the work,
  - c) present in Polish at scientific conferences,
  - d) candidates who are not Polish citizens should attach a certificate of knowledge of the Polish language at the level of at least C-1.
- 8) knowledge of programming languages: Python, C, C++, HLS and Verilog/SystemVerilog,
- 9) knowledge of OpenCV, PyTorch, Vivado, Vitis HLS libraries and development tools.

### **A candidate may become a person who meets the following requirements set forth in the Law:**

- 1) has the qualifications specified in the Law,
- 2) has full legal capacity,
- 3) has not been punished by a final court judgment for an intentional crime,
- 4) enjoys full public rights.

### **REQUIRED DOCUMENTS:**

- 1) application, CV, personal questionnaire,
- 2) proof of B-2 level of language proficiency,
- 3) a document certifying a degree of Master of Science or equivalent in Automatic Control and Robotics or equivalent in the automation, electronic, electrical engineering and space technologies discipline,
- 4) copies of diplomas and other documents confirming qualifications,
- 5) an opinion confirming science,
- 6) candidates who are not Polish citizens – a document confirming the knowledge of the Polish language at the minimum level C-1,
- 7) information on scientific achievements (list of publications, conference presentations).

### **DOCUMENTS MUST BE SUBMITTED:**

Complete documentation must be sent to the following email 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 Krakow 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 AGH University of Krakow, al. A. Mickiewicza 30, 30-059 Krakow. You can read all information concerning the processing of your personal data on the website of the AGH University of Krakow after going to the "Personal data protection" tab (<https://www.agh.edu.pl/en/personal-data-protection>).*

*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