INSTITUTION: AGH University of Krakow

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

CITY: Krakow

POSITION: Assistant in the research staff group in the Department of Automation and Robotics
Employment under IDUB Action 21 ID 8622

DISCIPLINE: automation, electronic, electrical engineering and space technologies

POSTED: 16.02.2024

EXPIRES: 22.03.2024

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

KEYWORDS: automation and robotics, process diagnostics, data analysis, Bayesian statistics, information systems, databases, digital control, diagnostics, artificial intelligence

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) predisposition to scientific work, documented by scientific publications or activity in the student scientific movement,
3) predisposition to didactic work,
4) knowledge of English at a level of at least B-2, documented by an appropriate certificate,
5) 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,
6) work experience in a company in the field of automation, electronics, electrical engineering, power electronics, for at least 2 years on at least part-time basis,
7) knowledge of programming languages: Python, C, C++, and VHDL,
8) working experience with embedded real-time systems (RTOS), with particular emphasis on Zephyr,
9) knowledge of the MATLAB/Simulink package, particularly in the areas of automatic code generation, signal processing, frequency analysis, integration of the Matlab/Simulink package with external control and measurement devices,
10) Possession of SEP authorization to operate at least:
   a) devices, installations and electrical power networks with voltage not higher than 1 kV,
   b) devices, installations and networks with voltage rating above 1 kV to 15 kV.

ADDITIONAL STRENGTHS:

1) knowledge of Polish technical language,
2) research interests in the field of smart power tool diagnostics, Bayesian statistics, artificial intelligence and databases and data analysis, documented by the completion of courses or subjects in the course of study, publications or projects,
3) familiarity with Imperix software and devices - especially Imperix B-box RCP.

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) document confirming knowledge of English at the level of at least B-2,
3) document confirming obtaining a Master of Engineering degree (or equivalent) in Automation and Robotics or related field,
4) copies of diplomas in Polish or English and other certificates confirming qualifications,
5) an opinion confirming the candidate's predisposition to scientific work,
6) candidates who are not Polish citizens—a document confirming knowledge of the Polish language, at least at the C-1 level,
7) information on scientific achivements (list of publications, conference presentations, research studies, patents),
8) document confirming two years of professional experience.

DOCUMENTS MUST BE SUBMITTED:

Complete documentation must be sent to the following email address 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, date..................

....
name and last name

....
address

CONSENT TO PERSONAL DATA PROCESSING
(recruitment - employee)

Pursuant to Art. 6 section 1 letter a Regulation (EU) No. 2016/679 of the European Parliament and of the Council of 27 April 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 Regulation on the protection data), [Journal EU Laws. L. 2016.119.1 of May 4, 2016] hereinafter referred to as GDPR, I consent to the processing of my personal data other than those indicated in Art. 221 § 1 of the Labor Code, and contained in my CV and other application documents, including the processing of my image in order to conduct the recruitment procedure for the position of .... (competition announcement no...............................).

At the same time, I declare that the request for consent was presented to me in a clear and understandable form and I was informed about the possibility of withdrawing consent at any time, as well as about the possibility of its accountability. Withdrawal of consent to processing will not affect the lawfulness of processing based on consent before its withdrawal. Consent may be withdrawn by submitting a written declaration of withdrawal of consent to the place indicated in the competition announcement as appropriate for submitting documents.

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Date and signature