

Job Description

THEKER Robotics is a robotics, Deep Learning, and artificial vision startup. It has the capacity to design, produce and commercialise any type of autonomous machine or robot for the automation of industrial processes. Its dedication to redefining the future is not limited to its products; it extends to its values and actions, consolidating its commitment to making a positive impact on the world through its commitment to the circular economy.

Job Summary

We are looking for a Postdoctoral Researcher in the fields of Robotics, Deep Learning or Software Engineering to join our R&D team. This role is critical to the future of our startup, and the selected person will work closely with experts from multiple disciplines to conceptualise, design and implement next-generation robotic solutions. The ideal candidate is a dynamic and highly motivated individual.

Place in the Startup

The Postdoctoral Researcher will be located at the heart of our R&D team in Poblenou, Barcelona, Spain, and will report directly to the Director of Research and Development. This role is essential for the achievement of the company's strategic objectives in terms of innovation and technological development.

Responsibilities

- **Research and Development:** Conduct leading-edge research in robotics and Deep Learning to create innovative and industry-applicable solutions.
- **Interdisciplinary Collaboration:** Work closely with other departments (such as Engineering, Product Design, etc.) to ensure successful implementation of cutting-edge technologies into commercial products.
- **Publication and Dissemination:** Write and publish articles in high-impact journals and conferences to disseminate research findings.
- **Code Review and Documentation:** Maintain a high standard of code and documentation quality, reviewing and approving changes in the code repository.
- **Presentations and Demonstrations:** Represent the company at academic and commercial events, presenting our advances and products.

Requirements

- **Education:** Ph.D. in Robotics, Computer Science, Software Engineering, or related fields.
- **Degree:** Possession of a doctoral degree, obtained at a Spanish or foreign university, on the date of hiring by the company. In the case of doctoral degrees obtained abroad, these must be homologated by a Spanish university as

indicated in the fifth additional provision of Royal Decree 967/2014, of 21 November.

- Experience: No prior professional experience required.
- Technical Skills: Proficiency in programming languages such as Python, C/C++ and experience in the use of Deep Learning libraries such as TensorFlow or PyTorch.
- Communication: Excellent oral and written communication skills in English, and preferably in other languages such as Spanish or Catalan.
- Teamwork: Ability to work effectively in multidisciplinary team environments.
- Residence: Willingness to reside in Barcelona or relocate to Barcelona or surrounding areas.

100% On-site work, flexible schedule.

A full-time indefinite contract is offered.

If you meet these requirements and are interested in contributing to the future of robotics and Deep Learning, we look forward to your application!

#BuildingTheRobotsOfTheFuture

Contact

hiring@theker.eu

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