INESC TEC | RESEARCHER (AE2024-0385)
INESC TEC

Job Title	INESC TEC	RESEARCHER (AE2024-0385)
Department	HUMANISE
Institution	INESC TEC
	PORTO, , Portugal
Date Posted	Sep. 12, 2024
Application Deadline	Sep. 25, 2024
Position Start Date	Sep. 12, 2024
Job Categories	Graduate Student
Academic Field(s)	Engineering - Other
	Computer Science
	Computer Engineering
Apply Online Here	https://www.inesctec.pt/en/form/notice/5067
Apply By Email	
Job Description	

Research Opportunities

Software Engineer. Stages of system/software development life cycle for the areas of Earth Sciences, Ocean, Space, Agriculture, Health and Industry.

Work description

Carrying out and managing R&D projects and enhancing knowledge, participating in the preparation of R&D project applications, mentoring junior researchers, scientific production oriented to international

journals and conferences, intervention in the scientific and professional communities, as well as participation in scientific dissemination initiatives and technology, particularly in the areas of work considered.

Academic Qualifications

MSc in Informatics and Computing Engineering or similar

Minimum profile required

- Minimum of 3 years of experience in R&D projects;
- Experience in developing Digital Twins (DT) for simulation and optimisation;
- Experience of developing Augmented Reality (AR) applications to monitor and improve safety and spatial awareness in complex environments;
- Experience of managing teams, schedules and resources to fulfil project objectives;
- Technical skills: C#, C++, Python, Node, React, Git, Docker.

Preference factors

- Experience in implementing IoT infrastructures;
- Experience in guaranteeing data protection in the development of systems and services;
- Experience with MLOps
- Proficiency in relevant game development tools and software.
- Strong understanding of game mechanics and player engagement strategies.
- Technical skills: Unreal Engine, Unity, WebGL, Kubernetes, PostgreSQL, MongoDB, ElasticSearch.
- Methodologies & Frameworks: Agile, SCRUM, Kanban.

Application Period

Since 12 Sep 2024 to 25 Sep 2024

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Centre

Human-Centered Computing and Information Science

Scientific Advisor

Marco Amaro Oliveira

What we offer

- **Multicultural and collaborative environment**
- A multicultural, international and collaborative environment that makes it easier to exchange ideas, work in networks and create synergies.
- **International projects**
- The possibility of working in international projects with some of the most important companies in the field.
- **Mentoring**
- Mentoring with the best researchers in the fields of electrical and industrial engineering, bioengineering, information technology and physics.
- **Self Improvement**
- The possibility of participating in international conferences, workshops, seminars and vocational training.
- **Other Benefits and Perks**
- Flexible working time, health insurance, discounts in hotels, transportation, etc.
- **Informal Events**
- Annual informal events, such as the multicultural party.

For more information: Click Here

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Contact Information

Contact

Portugal

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