INESC TEC | Research Grant (AE2024-0512)
INESC TEC

Job Title	INESC TEC	Research Grant (AE2024-0512)
Department	CPES
Institution	INESC TEC
	PORTO, , Portugal
Date Posted	Dec. 2, 2024
Application Deadline	Dec. 28, 2024
Position Start Date	Nov. 28, 2024
Job Categories	Graduate Student
Academic Field(s)	Engineering - Other
Apply Online Here	https://www.inesctec.pt/en/form/notice/5186
Apply By Email	
Job Description	

Research Opportunities

Power Systems - Digitalization in energy local ecosystems and energy management tools

Work description

- Identify technical requirements for the development and integration of digital micro services.
- Build on previous project developments for the creating of micro services in digital environments.
- Integrate LLMs and other tools, such as text-to-speech, for the precise and reliable interpretation of graphics, minimizing effects such as hallucinations.
- Develop knowledge and understand the effective added value of digital technologies and energy

flexibility for local energy ecosystems.
- Write the grant activity report.

Minimum profile required

- Student of Computer Engineering, Computer Scientist, data science or similar areas.
- Fluency in Portuguese (written and spoken).
- Fluency in English (written and spoken).
- Experience with Python, with experience in libraries such as Pandas, NumPy, Matplotlib, and SciPy.

Preference factors

- Knowledge of Backend development.
- Knowledge of RESTful APIS, such as Flask or FastAPI.
- Knowledge of Docker for containerization.
- Knowledge of Kubernetes.
- Knowledge of AI models, namely LLMs such as OpenAI GPT and LlaMA 3.
- Knowledge of micro service development, integration and deployment.

Application Period

Since 28 Nov 2024 to 28 Dec 2024

Scientific Advisor

Alexandre Lucas

What we offer

INESC TEC | Research Grant (AE2024-0512)
INESC TEC

- **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

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

Portugal

Contact E-mail   rh@inesctec.pt