

INESC TEC | Research Grant (AE2024-0061) INESC TEC

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Posted Feb. 22, 2024, set to expire Jun. 23, 2024

Job Title	INESC TEC Research Grant (AE2024-0061)
Department	HASLAB
Institution	INESC TEC PORTO, , Portugal

Date Posted	Feb. 22, 2024
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Application Deadline	Mar. 6, 2024
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Position Start Date	Feb. 22, 2024
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Job Categories	Graduate Student
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Academic Field(s)	Engineering - Other
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Job Description

Research Opportunity

Storage Systems

Work description

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Implementation of a tool that allows realistic injection of data durability faults in storage systems. Evaluation of the tool with deterministic and automatic reproduction of problems already identified in real use cases, as well as the exploration of similar errors in other data-centric applications.

Academic Qualifications

MSc Degree in Informatics Engineering.

Minimum profile required

- Solid knowledge on storage systems;
- Experience on building tools for storage fault injection;
- Solid knowledge on data durability faults.

Preference factors

- Experience with the C or C++ programming language;
- Experience on system's benchmarking.

Application Period

Since 22 Feb 2024 to 06 Mar 2024

Centre

High-Assurance Software

Scientific Advisor

[João Tiago Paulo](#)

Contact Information

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

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Contact

Portugal

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