



**L-Università
ta' Malta**

**Office for Human
Resources Management
& Development**

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Call for Applications

Post/s of Part-Time Research Support Officer I/II

Process Engineering, Security, and Testing Research Lab (PEST)

Department of Computer Science

1. Applications are invited for a post of part-time Research Support Officer I/II. The Research Support Officer will perform research and software development duties related to various projects undertaken by the Process Engineering, Security, and Testing Research Lab (PEST) within the Department of Computer Science of the University of Malta.
2. Applicants should preferably:
 - ♦ Have a minimum of a Masters Degree in Computer Science, with preference being given to a postgraduate qualifications and experience related to **software security and/or runtime verification**;
 - ♦ Have experience in low level systems programming;
 - ♦ Be familiar with academic work, particularly the process of writing papers;
 - ♦ Be able to work both independently and as a member of a team;
 - ♦ Have the ability to understand and apply scientific literature and knowledge especially in relation to computer science;
 - ♦ Have good communication skills, both oral and written (a good command of the English Language is essential);
3. **The selected candidate must be living in Malta for the period of employment.**
4. The hours of work and remuneration are as follows:

RSO I (Master's Degree) - a maximum of 92 hours for a period of 6 months - €12.72 per hour; or
RSO II (Bachelor's Degree) - a maximum of 82 hours for a period of 6 months - €14.22 per hour.
5. Candidates must submit their letter of application, a copy of their curriculum vitae and a copy of their certificates to christian.colombo@um.edu.mt by not later than **Friday, 31st October 2025**.

Late applications will not be considered.

Office of the University,
Msida, 24th October 2025

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Further Information

1. The Process Engineering, Security, and Testing Research Lab (PEST) PEST is currently working on the Research Seed Fund Project titled: "Isolated monitoring with tamper-evident logs for secure runtime verification": By using runtime verification (RV), we can assert if a software application conforms to its specifications. However, in the event of an elevated malware infection, the malware may tamper with both the system trace for RV and the software application's runtime execution. A two-fold strategy involving isolation and tamper-evident logs will be investigated in this project: Isolation addresses attack vectors used for RV tampering without privilege escalation, while tamper-evident logs can uncover any escalation attempts. Therefore, our strategy is to use namespaces to safeguard the software system and its instrumentation from a compromised OS, and to use authenticated system logs.
2. The appointee might be offered travel opportunities involving workshops, conferences, research visits, and training.
3. The selection procedure will involve:
 - a. scrutiny of qualifications and experience claimed and supported by testimonials and/or certificates (copies to be included with the application);
 - b. short-listing; and
 - c. an interview and / or extended interview
4. The appointment will be subject to a probationary period and to the provisions of the Statutes, Regulations and Bye-Laws of the University which are now or which may hereafter be in force.

Office of the University
Msida, 24th October 2025