CALL FOR APPLICATIONS (Call ID: 195/2025)
Posts of Full-Time Research Support Officer I or II

Project HEARTS: "**Human-Centred Elderly Care: Semi-Humanoid Robots for Collaborative Daily Living Support**"
Funded by the Ministry for Education, Sport, Youth, Research and Innovation

And any other projects undertaken by the Department of Information Systems, Faculty of Information and Communication Technology

1. Applications are invited for a number of Research Support Officers (RSOs) to carry out duties in relation to the HEARTS project, which is funded by the **Ministry for Education, Sport, Youth, Research and Innovation** and in which the University of Malta is a collaborator. The RSOs may also be required to work on other projects undertaken by the Department of Information Systems, Faculty of Information and Communication Technology.

2. Applicants must understand the state of the art in the field, as well as existing prototypes and studies developed for the project so far, and must be in possession of the following:
   ● RSO I - a first degree in ICT or Engineering or Mechatronics;
   ● RSO II - a Master's degree in ICT or Engineering or Mechatronics; and

   Desired Requirements that would be given preference for the RSO I or II Post:

   ● Working knowledge of **Linux**, the **Robot Operating System (ROS)**, the **Gazebo** simulation environment, and multiple programming languages (e.g., Python, C++, Java) and Data Science, including designing algorithms;
   ● Experience with the challenges of designing and rapid-prototyping **robotic systems;**
   ● Strong academic credentials, including previous publications in relevant fields;
   ● Ability to work both independently and collaboratively within a multidisciplinary research team; and
   ● Strong problem-solving skills, attention to detail, and adaptability to evolving project needs.

The University of Malta is an Equal Opportunity employer.

3. **The selected candidates must be living in Malta for the period of employment.**

4. The full-time post of RSO I or II is for a period of up to 36 months.

5. The initial remuneration (inclusive of any cost-of-living adjustments) is €26,458 (RSO I), or €29,578 per annum (RSO II).

6. The successful candidate for the RSO I or II post may be offered the possibility to read for a PhD related to the project.

7. Candidates must upload their covering letter, curriculum vitae, and certificates (certificates should be submitted in English) and contact details of at least two referees **through this form** https://www.um.edu.mt/hrmd/workatum-projects by not later than **Monday, 15th December 2025.**

    Late applications will not be considered.

8. Further information may be obtained from http://www.um.edu.mt/hrmd/recruitment and should you have any queries, please send us an email on projects.hrmd@um.edu.mt.

Office of the University,
Msida, 2nd December 2025

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Further Information

1. The project aims to introduce semi-humanoid robots to assist elderly individuals in their daily lives, reducing the pressure on caregivers and enhancing the quality of life for the elderly. This project also aims to address the growing challenges of elderly care through innovative technological solutions. Further information may be obtained by contacting Dr Conrad Attard at conrad.attard@um.edu.mt. The RSOs may also be required to work on other projects undertaken by the Department of Information Systems, Faculty of Information and Communication Technology.

2. The appointees will be expected to undertake the following tasks:
   ● Actively participating in outreach activities;
   ● Endeavour in generating technical and scientific conference/journal papers;
   ● Assist in the dissemination process via workshops, seminars and other events;
   ● Take part in the submission of local and international research proposals to sustain related research beyond the funding of the projects; and
   ● Perform any other tasks as instructed by the principal investigator at the University of Malta and key experts.
   ● Supporting the design, development, and testing of robotic systems and simulation models;
   ● Implementing, integrating, and optimising algorithms within ROS-based environments;
   ● Contributing to the preparation of research papers, technical documentation, and project deliverables;
   ● Assisting with experimental setup, data collection, and performance evaluation; and
   ● Collaborating with researchers, engineers, and project stakeholders to achieve project objectives.

3. The appointees will be expected to work at such places and during such hours as may be determined by the University authorities.

4. 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. shortlisting; and
   c. an interview and / or extended interview.

5. The posts are for a period of up to 36 months, which will be subject to a probationary period and to the provisions of the Statutes, Regulations and Bye-Laws of the University of Malta which are now or which may hereafter be in force.

Office of the University,
Msida, 2nd December 2025