



Call for Applications Post of Part Time Research Support Officer/s II

Department of Communications and Computer Engineering
Faculty of ICT

1. The Department requires Research Support Officer/s II to work on a short term project in the area of integrated vision and language.
2. The ideal candidate should be in the process of obtaining a PhD degree in Computer Engineering, Computer Science or equivalent and has experience in computer programming, computer vision, pattern recognition and machine learning models, dataset design, and deep learning.
3. The period of employment is from approximately 23rd October 2017 to 8th December 2017 and the candidate/s will be expected to work up to a maximum of 26 hours per week which may not exceed a total of 155 hours. The Research Support Officer will be remunerated at the rate of Eur12 per hour.
4. Candidates should submit their letter of application, copy of their *curriculum vitae*, one set of copies of their certificates to Prof. Ing. Adrian Muscat, adrian.muscat@um.edu.mt by not later than noon of **13th October 2017**.

Late applications will not be considered.

5. Further information on the department may be obtained from: <http://www.um.edu.mt/ict/cce>

Office of the University
Msida, October, 2017

Call for Applications

Post of Part Time Research Support Officer/s II

Department of Department of Communications and Computer Engineering

Further Information

1. This project considers a sub-task in the area of automated image captioning, which area integrates and combines both vision and language features into the same predictive model. More specifically this project is on developing models for technical images and documents.
2. The following is a list of tasks that the appointee/s may be required to perform:
 - a. Review Datasets for technical images.
 - b. Compile an appropriate dataset for the task.
 - c. Develop a deep learning framework for feature extraction and object classification
 - d. Write a report on the findings.
3. The appointee is expected to work:
 - a. on a part-time basis; and
 - b. 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); and
 - b. an interview and / or extended interview.
5. 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, 2017