

**COMPUTER SCIENCE****RESEARCH FELLOW POSITION**

Title : Research fellow/PhD candidate  
Positions : One (1)  
Category : Employment with one-year contract  
Place of Work : University of Cyprus, Nicosia

Applications are invited from candidates who possess the necessary qualifications in order to fill one (1) full-time research fellow position in the Department of Computer Science, the Graphics and Extended Reality Lab, to investigate in the field of "Computer Graphics, Character Animation, Machine Learning". The position may lead to the acquisition of a doctoral degree.

The project «**DEep MOTion SynThesis foR character AnimTION (DEMONSTRATION)**» covers a wide range of multidisciplinary topics that are in line with the recent tendencies in computer graphics, character animation, and virtual reality. It aims at investigating modern trends in machine (deep, convolutional, adversarial, and reinforcement) learning, with ultimate target to provide ingenious solutions for overcoming the current limitations in character animation, and essentials for future improvements in a wide range of ambitious and challenging projects, such as **interactive dance motion synthesis, and motion summarization via internal contextual distribution matching**.

**Tasks and responsibilities:**

1. Conducting experimental research on computer graphics/character animation.
2. Collection and analysis of experimental results.
3. Bibliographical review of the current literature.
4. Writing articles for publication in conference proceedings and scientific journals.

**General qualifications & requirements:**

1. Bachelor's degree and/or postgraduate degree in a relevant field (e.g. Informatics, Electrical Engineering, or Computer Engineering) from an accredited institution.
2. Excellent programming skills (e.g., C #, Python, Pytorch, Tensorflow) and software development
3. Excellent knowledge of both spoken and written English language.

### **Additional qualifications**

1. Experience in topics relevant to Computer Graphics, Character animation
2. Experience in Machine / Deep Learning
3. Good knowledge of mathematics
4. Experience and / or participation in European and other funded research projects
5. Organizational skills

### **Terms of Employment:**

The monthly gross salary, based on the legislation currently into effect, is €1.635,88. There is no provision for 13th salary. From this amount all legal employer and employee contributions will be deducted. The employment will be for 12 months.

### **Application process**

For full consideration interested applicants should submit the following items via email to [a.aristidou@ieee.org](mailto:a.aristidou@ieee.org) ή [andarist@ucy.ac.cy](mailto:andarist@ucy.ac.cy), no later than **Friday, 30 July 2022, at 23:59**, which will be the last date of submission of the applications, and use the email subject line: **"Application: Research Fellow: DEMONSTRATION"**

Applicants are requested to submit the following:

1. A complete curriculum vitae in English or Greek.
2. A cover letter declaring their interest in their position as well as their preferred date for commencing employment
3. Brief review of research/academic work, as well as a brief description of future scientific plans (up to 2 pages).
4. Proof of their qualifications (Copies of transcripts of BSc/MSc)
5. The names and contact information of two people who will be willing to provide references
6. Complete contact information
7. Contact details of two (2) persons who could provide references

It is noted that:

The **University of Cyprus** adopts an equal opportunity policy at recruitment and the subsequent career stages and encourages both genders to submit an application for all levels of Academic and Administrative Staff.

The University does not discriminate in any way on the basis of gender, religion or belief, ethnic, national or social origin, age, physical ability, marital status and sexual orientation.

For more information visit the website of the Graphics Virtual Reality Lab, Department of Informatics, University of Cyprus [graphics.cs.ucy.ac.cy](http://graphics.cs.ucy.ac.cy) or contact the Assistant Professor Andreas Aristidou at [a.aristidou@ieee.org](mailto:a.aristidou@ieee.org) or [andarist@ucy.ac.cy](mailto:andarist@ucy.ac.cy).