



# University of Cyprus

## Department of Computer Science

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### **Special Scientist Position (Researcher)**

Title : Special Scientist Position (Researcher)  
Positions : One (1)  
Category : Employment with a 4-month contract  
Place of Work : University of Cyprus, Nicosia

Applications are invited from candidates who possess the necessary qualifications in order to fill one (1) research position in the Department of Computer Science, the Xi Computer Architecture Lab, to conduct research related to “Generating Stress Viruses for Modern Processors”.

The project «RSHIELD» covers a wide range of topics related to viruses, power, processor microarchitecture and system software of modern processors found in client devices and servers.

#### **Tasks and responsibilities:**

1. Conducting experimental research on computing systems.
2. Collection and analysis of experimental results.
3. Code and script development.
4. Bibliographical review of the current literature.
5. Writing reports for the carried work.

#### **General qualifications & requirements:**

1. Bachelor’s degree and master’s degree in a relevant field (e.g., Computer Science or Computer Engineering) from accredited institutions.
2. Previous coursework and/or research experience in topics relevant to Computing Systems, Computer Architecture and Power
3. Excellent programming skills (e.g., C/C++, Python, Bash, assembly)
4. Excellent knowledge of both spoken and written English language.

#### **Additional qualifications:**

1. Previous experience with optimization using genetic algorithms
2. Experience with the use of monitoring tools for performance and power (e.g., perf, Soc Watch) as well as characterization of voltage noise.

## **Terms of Employment:**

The monthly gross amount is estimated at €1500. From this amount, employee contributions will be deducted. There is no provision for 13th salary.

## **Application process**

For full consideration interested applicants should submit the following items via email to [yanos@ucy.ac.cy](mailto:yanos@ucy.ac.cy), no later than **Friday, 11<sup>th</sup> of October 2024**, at **23:59**, which will be the last date of submission of the applications, and use the email subject line: **“Application: Special Scientist Position (Researcher): RSIELD”**

Applicants are requested to submit the following:

1. A cover letter declaring their interest in their position as well as their preferred date for commencing employment
2. A complete curriculum vitae in English or Greek.
3. Brief personal statement in English or Greek (up to 1 page).
4. Proof of their qualifications (Copies of degrees and transcripts)
5. The names and contact information of two people who will be willing to provide references
6. Complete contact information

Applicants need not be citizens of the Republic of Cyprus. Applicants should however ensure, before applying, that in case they are selected they will be residing in Cyprus on a full-time basis during the employment period; submission of application implies acceptance of this condition.

The University of Cyprus shall collect and process your personal data according to the provisions of the General Regulation on Personal Data 2016/679 (EU).

At least the best three candidates that satisfy the required qualifications, will be interviewed by a 3-member Committee.

Candidates shall be informed of the result of their application by the relevant entity.

The University of Cyprus (UCY) is committed to promoting inclusivity, diversity, and equality, as well as the elimination of all forms of discrimination in order to provide a fair, safe, and pleasant environment for the entire university community, where students and staff members will feel supported both in their professional and personal development, within and beyond their multiple identities. To this end, UCY seeks to create the necessary conditions that will encourage and respect diversity, and ensure dignity both in the workplace and society at large. Moreover, UCY has adopted specific policies to promote equal opportunities, as well as respect and understanding of diversity, while it is committed to promoting and maintaining a working, teaching, and learning environment, free from any form of discrimination, whether direct or indirect.

For more information contact the Yiannakis Sazeides at [yanos@ucy.ac.cy](mailto:yanos@ucy.ac.cy)