



## OPEN UNIVERSITY OF CYPRUS SCHOOL OF PURE AND APPLIED SCIENCES

### *WeNet & RISE – Researchers, Developers, Managers*

Open University of Cyprus (OUC) accepts applications for up to four positions for **Research Scientists, Research Assistants, Developers, and Managers** for employment as part of the projects “WeNet: The Internet of Us” (<https://www.internetofus.eu>) and “RISE: Research Center on Interactive Media, Smart Systems, and Emerging Technologies” (<http://teaming.cyens.org.cy>), which are funded under the EU’s H2020-FETPROACT and H2020-TEAMING calls, respectively. The WeNet project seeks to design and develop a diversity-aware machine-mediated social interaction platform that helps individuals explore and utilize the diverse and complementary competencies of others to solve problems beyond the skills of any given individual. The RISE project seeks to set up the CYENS Center of Excellence in Cyprus.

Hired applicants will have the opportunity to work with the partners of the WeNet consortium and with the research groups of the CYENS Center of Excellence (<https://cyens.org.cy>). Hired Research Scientists (Ph.D. holders) will have the opportunity to co-supervise M.Sc. and Ph.D. students at OUC / CYENS, and to engage in autonomous teaching of courses at OUC, by submitting separate applications and following the relevant procedures and deadlines that are announced for these positions periodically. Eligible hired Research Assistants will be encouraged to also apply to pursue Ph.D. studies at OUC / CYENS.

#### **EMPLOYMENT TERMS**

Positions for the projects will be filled initially through short-term contracts of employment until the end of June 2023, with the option of renewal for additional periods. The monthly time commitment of hired applicants is up to 140 hours, depending on the full or part time status of the employment. The projects provide insurance through the national health system, but do not cover a 13th month bonus salary.

The gross full-time monthly salary (including employer contributions) will be €2200 – €3500 for research scientists, and €1700 – €3000 for research assistants, developers, and managers (pro rata for part-time employment), and will depend on the hired applicant’s qualifications and relevant past experience.

#### **DUTIES AND RESPONSIBILITIES**

The hired applicants will be expected to contribute to the following activities of the projects:

- Development of stand-alone programs and smartphone applications.
- Development of cognitive assistants and decision-support systems.
- Design of novel machine learning algorithms for social relation mining.
- Design of novel knowledge representation and reasoning semantics.
- Participation in project meetings with other members of the consortia.
- Involvement in the preparation of the project reports and deliverables.
- Completion of project management tasks and dissemination activities.
- Support any other task relevant to the projects that may be assigned.

## **REQUIRED QUALIFICATIONS**

1. University degree in Computer Science or in other fields related to the projects. (Applicants without a relevant university degree, who study towards acquiring one, will be considered on a case by case basis, based on their academic history and performance until their application submission date.)
2. Applicants wishing to pursue a Ph.D. degree: an M.Sc. degree in Computer Science, preferably with emphasis on Artificial Intelligence, Machine Learning, or other fields related to the projects.
3. Applicants for a research scientist position: a Ph.D. degree in Computer Science, preferably with emphasis on Artificial Intelligence, Machine Learning, or other fields related to the projects.
4. Documented past experience and / or employment in positions that require excellent organizational skills, management skills, communication skills, adherence to work ethics, punctuality, capability of taking initiatives, commitment to meeting deadlines and completing tasks with little supervision.
5. Very good knowledge of spoken and written English, and ability to contribute to report writing.
6. Evidence of excellent skills as a researcher / developer / manager in line with the projects' aims, which should be well-documented by participation as a researcher / developer / manager in other projects. Applicants may be asked to complete an assignment to ascertain their relevant skills.
7. Availability for physical presence at the Open University of Cyprus premises is strongly preferred.

## **ADDITIONAL QUALIFICATIONS**

1. Distinctions, awards, research or other publications.
2. Knowledgeable in the design of graphical and interactive interfaces.
3. Knowledgeable in Artificial Intelligence / Machine Learning.
4. Knowledgeable in Natural Language Processing and Generation.
5. Knowledgeable in Argumentation and Knowledge Representation.
6. Knowledgeable in Neural-Symbolic Integration approaches.
7. Availability for participation in other ongoing and future projects.
8. Interest to pursue Ph.D. studies at OUC (for non-Ph.D. holders).

## **APPLICATION PROCESS**

Applicants should ensure that all of the following are submitted by the application deadline:

1. A brief introductory note (1-2 pages long) explicitly stating, along with a brief justification, how the applicant's background and experience covers each of the required and additional qualifications.
2. A full biographical note (up to 10 pages), including the contact details of all past employers.
3. For researchers / developers: Two letters of recommendation to be submitted to [loizos@ouc.ac.cy](mailto:loizos@ouc.ac.cy).
4. List of research publications, annotated with the contribution of the applicant in each article.
5. Copies of all the degree titles of the applicant, along with the corresponding transcripts.
6. For researchers: Documents and / or portfolio that demonstrate experience and involvement of the applicant in research projects that relate to the additional qualifications of the applicant.
7. For developers: Documents and / or portfolio that demonstrate experience and involvement of the applicant in code development projects, along with a sample of code developed by the applicant.
8. For managers: Documents and / or portfolio that demonstrate experience and involvement of the applicant in the management of projects or in other positions that require management skills.
9. A note that explicitly mentions the extent of the availability of the applicant to be physically present at the Open University of Cyprus premises during their employment period.

Applications should be submitted electronically at <https://careers.ouc.ac.cy/apply> by **December 5th, 2022**. Applicants and referees may contact Dr. Loizos Michael, OUC's Principal Investigator for the projects, at [loizos@ouc.ac.cy](mailto:loizos@ouc.ac.cy), using the email title "*WeNet & RISE – Researchers, Developers, Managers*".

**Note:** The Open University of Cyprus is committed to an Equal Opportunities Policy in relation to hiring and supporting the career development of all people, and encourages individuals, irrespective of gender

or gender reassignment, to apply for academic, research and administrative job openings. The Open University of Cyprus does not discriminate on the grounds of racial or ethnic origin, color, religion or belief, gender, gender reassignment, ethnicity, nationality, age, disability, marriage or civil partnership, or sexual orientation, in accordance with the relevant laws and regulations of the Republic of Cyprus.