



Junior or Senior Machine Learning Researcher

(Computer Science Department – Artificial Intelligence Lab)

Ref.: UNIC/CSAI01/21

The University of Nicosia (www.unic.ac.cy)

The University of Nicosia (UNIC) is the largest university in Cyprus and the largest in Southern Europe that teaches primarily in English, with more than 12,000 students from over 70 countries, a diverse community of faculty and staff, and an expanding worldwide network. UNIC is driving educational innovation in the wider region, with activities like our dynamic global initiative in blockchain technology and centres of excellence in medicine and online/distance learning. 2020 QS World University Rankings has recognised UNIC for two years running in the Emerging Europe and Central Asia (EECA) Region, with the University ranking at number 106 and 91 among 1,800 tertiary institutions across 24 countries. UNIC has been named among the top 801-1000 universities in the world, according to the latest edition of the Times Higher Education (THE) World University Rankings 2021.

The Artificial Intelligence Lab (ailab.unic.ac.cy):

The AI Lab of the University of Nicosia aims at developing cutting edge technology as well as state-of-the-art research on the fields of Artificial Intelligence, Machine Learning, and Data Science. It consists of professors, Post-Doctoral researchers, PhD Students, as well as undergraduate students that conduct research and collaborate on projects related to a plethora of challenging topics like: Data Science (Data Stream mining, Deep Learning), Artificial Intelligence (Machine Learning, Uncertain Reasoning, Bayesian Networks), Smart Cities (Learning from Urban Data), Computational Social Science, Sentiment Analysis, Social Network Analysis and Big Data (Cloud Computing, Distributed Systems, IoT). The team focuses on interdisciplinary topics working with external collaborators from Political Science, Social Science, Journalism and Health. In addition to the research goals the group provides high-quality teaching on relevant topics (e.g. Artificial Intelligence, Data Mining, Machine Learning).

Position Description

The AI Lab is looking for enthusiastic candidates to work on the topic of Machine Learning and its applications to natural language processing for the health domain. More specifically, as a member of the Artificial Intelligence the candidate should conduct research in the fields of Natural Language Processing, Natural Language Understanding, Explainable and Transparent Machine Learning Algorithms, Deep Learning, Conversational Agents and Knowledge Graphs. This positions involves the following duties: a) conducting research in the areas of Machine Learning and Natural Language Processing, b) Implementing and Running Data Science / Machine Learning experiments, c) Authoring technical reports or research publications, d) Providing system implementations (software) or integrating components to larger system, e) co-authoring grant proposals, f) supervising junior members of the AI Lab (MSc/BSc Students), collaborate with partners

of the project's consortium. The position is funded by a European H2020 project. Therefore the candidate should have technical and admin responsibilities relevant to the project (e.g. authoring deliverables, reporting to the European Commission, etc.).

Funding

The position is funded by the European H2020 project "ALAMEDA: Bridging the Early Diagnosis and Treatment Gap of Brain Diseases via Smart, Connected, Proactive and Evidence-based Technological Interventions".

Qualifications Required (Junior Researcher)

- A BSc in Computer Science, Computer Engineering, Mathematics, Statistics, or relevant fields.
- An MSc in relevant fields is a plus.
- Strong analytical skills and the ability to work independently as well as in a team.
- Excellent written and oral communication skills in English.
- Programming skills (Python, R, Java, C/C++, or any other relevant language)
- Experience in Research projects and especially H2020 will be an advantage
- Interest in pursuing a PhD in the field is a plus.

Qualifications Required (Senior Researcher)

- An MSc in relevant fields (Machine Learning, Data Science, Artificial Intelligence)
- A PhD is considered a plus.
- 4 years of experience in the fields of Machine Learning, Data Science, Artificial Intelligence.
- Strong analytical skills and the ability to work independently as well as in a team.
- Excellent written and oral communication skills in English.
- Programming skills (Python, R, Java, C/C++, or any other relevant language)
- Great Management, Organizational skills.
- Experience in Research projects and especially H2020.
- Experience in authoring Grant Proposals will be a plus.

More information

For more information related to the position please contact Dr Ioannis Katakis at katakis.i@unic.ac.cy

Timeframe

Applications will be reviewed as soon they are received.

Submit your application

Please submit your CV accompanied by a cover letter through our online recruitment system <http://vacancies.unic.ac.cy/>.

Only short-listed candidates will be notified.