

CALL FOR APPLICATIONS:

ERC FUNDED POST-DOCTORAL POSITION IN NATURAL LANGUAGE PROCESSING AND INFORMATION EXTRACTION AT KOÇ UNIVERSITY

Koç University, Istanbul, invites applicants for a position as a post-doctoral researcher in natural language processing, information extraction and machine learning. The successful candidate will work in a European Research Council (ERC)-funded project, in which a protest events database will be created using online newspaper archives.

ERC is the most prestigious, competitive and generous research fund in Europe, which grants 1.5 million Euros to frontier research that would make groundbreaking contributions. This project is the first sociology ERC project in Turkey. The successful candidate will work together with Dr. Erdem Yörük on his ERC-funded project that investigates the political causes of welfare state development in emerging market economies (please see emw.ku.edu.tr and the brief summary of the project below). The candidate will also be supervised by and collaborate with Dr. Deniz Yuret from Koç University Computer Science Department (<http://www.denizyuret.com/>). The position will not have any teaching responsibilities. Candidates (i) who have a PhD in computer science, (ii) who have extensive knowledge and experience in natural language processing, machine learning, information extraction, and (iii) who are interested in social science applications of these methods are encouraged to apply.

The work package of the project in which the successful candidate will be working has two components: (i) classification of protest events-related news reports in online archives, (ii) extraction of several protest characteristics into a database such as participants, organizers, place, ideology, ethnicity, race, religion, class.

The successful candidate is expected to:

- Have extensive knowledge and experience in Natural Language Processing, Machine Learning, information extraction, event extraction, entity tagging, coreference and anaphora resolution, multilingual language processing, dataset construction.
- Be based in Koç University, Istanbul but remote work could also be accepted for exceptional candidates who are not able to move to Istanbul.
- Have completed the PhD degree by the start date.

Initial duration of the position is a full year (subject to renewal). This is a full-time position with a competitive salary as well as additional benefits such as private health insurance, meal and housing. Funding for conferences is available depending on relevance of the conference to the project.

Please send your application electronically as a one-pdf file comprising your motivation letter, CV including a publication list, a writing sample and the names of two references to the Principal Investigator Dr. Erdem Yörük: (eryoruk@ku.edu.tr). There is no strict deadline, applications are accepted on a rolling basis. Early applications are encouraged and the position will remain open until it is filled.

Koç University (KU) (<http://www.ku.edu.tr>) is an endowed, non-profit institution of higher education, located in Istanbul, Turkey. Koç University is highly reputable and has attracted accomplished, high-caliber researchers from all over the world. The vast majority (97%) of 400 faculty members received their Ph.D. degrees from the most reputable universities in the United States and Europe. Times Higher Education has ranked Koç University as the best university in Turkey in 2016, 250-300th among the best universities in the world and 36th best in the list of universities under 50 years old. Currently Koç University hosts 9 of 16 ERC projects in Turkey.



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