CALL FOR APPLICATIONS:

We are seeking *a project engineer* for a European Research Council (ERC)-funded project on the politics of welfare in emerging market economies (see https://emw.ku.edu.tr). The engineer will work in Work Package 2 (WP2) that aims at creating a protests database from emerging countries (China, India, Russia, Brazil, South Africa, Turkey, etc.) and extract event information from at least last 20 years of the news archives, which contains millions of news articles (see https://emw.ku.edu.tr/project/work-packages/work-package-2-protest-events-database/). The main natural language processing (NLP) tasks we are dealing with are text classification and information extraction. In addition to basic event information, we will work on extracting some social sciences specific event information, e.g., ethnicity, religious background, detailed characteristics of the event place. Finally, two main targets in WP2 are the completeness and correctness of the event information. The project engineer is expected to support the WP2 team in developing and maintaining the whole text data management and processing pipeline.

The successful candidate is expected to:

- ✓ Have BSc. Degree/ MS degree in Computer Sciences or in a related field,

- ✓ Have high level of programming and technical skills, e.g. being able to work using Linux terminal, programming in Python,

- ✓ Extract data, which is mainly text, from web pages and convert it into a processable format (e.g. extracting texts from .html, .pdf and/or .jpeg files and convert these texts into .txt format),

- ✓ Arrange and follow the updating procedure of these data on a regular basis,

- ✓ Support the team in Natural Language Processing software development,

- ✓ Have knowledge and (preferably) experience in Natural Language Processing, Machine Learning, information extraction, event extraction, entity tagging, coreference and anaphora resolution, multilingual language processing,

- ✓ Gather already prepared datasets, results, and linguistic resources from other groups and keep record of these materials along with the Project's own datasets, and perform basic filtering and analysis on these datasets in case of need,

- ✓ Maintain an open source software development policy that includes version control and continuous integration systems for the team,

- ✓ Have knowledge and preferably experience in web and API development,

- ✓ Have at least 2-year experience in a setting related to the above-mentioned one.

- ✓ Be proficient in English.

This is a full-time position and the successful candidate is expected to start as soon as possible. Before the final recruitment, there will be a trial phase to evaluate the candidates' willingness and efficiency.

Please send your application electronically as a single pdf. file including a cover letter and CV to emw@ku.edu.tr and stemel@ku.edu.tr (with subject: NLP Project Engineer Application). Consideration of candidates will begin immediately and continue until the position is filled.