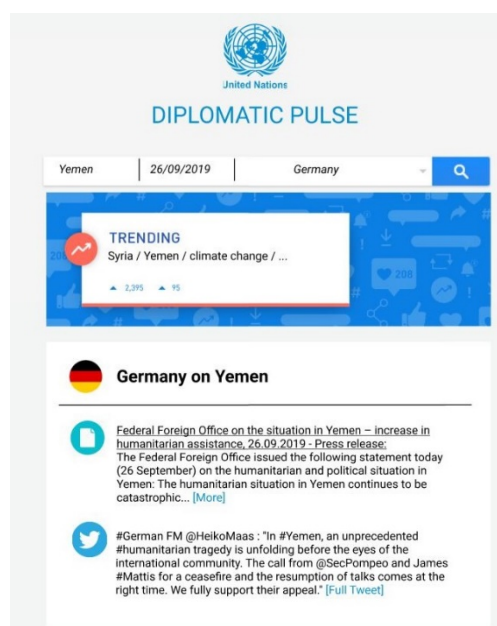


# Search Interface for Diplomatic Statements

## Project Description:

QCRI is supporting a UN project called “Diplomatic Pulse”. The goal of the overall project is to crawl, index, and make accessible all official diplomatic statements of all of the UN member states. The tool, to be built, would support searches such as “what as Germany said about Syria in official statements in August 2019”. The backend of this project uses the Python Scrapy library and other tools for crawling and parsing. The parsed data is then stored and indexed using Elasticsearch.



The goal of the internship is to build a frontend GUI to mirror existing mock-ups (see the example on the right), written preferably in JavaScript and/or other relevant technology to call the Elasticsearch REST API. The frontend should enable users to use keywords to search and to return clean and properly formatted text. The interface should support input in the official UN languages (EN, FR, ES, AR, RU, CN). As much as possible, the Elasticsearch’s Rest API client and other parts of the frontend will be developed using open source libraries.

## Disclaimer and Learning Opportunities:

The interns will enhance their programming skills in Python, Javascript, React and open source and acquire new knowledge:

- Enhance Elasticsearch REST API knowledge.
- Develop UI search engine client.
- Visualization.

## Duties/Activities:

The interns will design, implement and test a frontend which comprises of HTML pages built as flask application.

## Required Skills:

HTML, Javascript, React, Flask Framework, Python; Elasticsearch REST API, Linux (or Mac).

## Mentors:

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