

Project Title: SAQR

Project Description:

SAQR is a platform for large-scale social media analysis. It has been started in the Software Engineering team and is considered the core project of the team. It employs a modern architecture of microservices and is cloud-native using Docker and Kubernetes. Different microservices are written in Python, NodeJS, Ruby, C++ and Angular for the web dashboard. It also uses databases like Redis, MongoDB, Apache Solr and ElasticSearch.

Duties/Activities:

Software Development (coding) and DevOps.

Required Skills:

Problem solving, Python, JavaScript

Preferred Intern Academic Level:

Senior or graduate

Learning Opportunities:

The mission of the Software Engineering team is to create products on top of QCRI research technologies using industry-standard processes. As an intern, you will have the opportunity to learn modern technologies and distributed architectures. You will also find a unique place to learn how quality software is achieved by practicing the Agile software process and practicing the industry standard methods like unit testing and code reviewing sessions.

Expected Team Size:

2-3

Mentors

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