Student Assistant Position at EIS

The Enterprise Information Systems (EIS) Department led by Dr. Steffen Lohmann seeks a highly motivated student assistant to work with us on a high impact research project. You will be working in the domain of **Question Answering and Knowledge Graphs** within the context of Software Campus. Your task will be related to the development and population of domain Knowledge Graph (KG) and using the same in Question Answering (QA): this implies that you will be responsible for the development of techniques that link Text to Knowledge Graphs (KG). We will offer the student not only the opportunity to work on the development of a cutting edge research project but also to work in a highly dynamic and diverse team. This position can also lead to your master thesis work.

**Your profile:**
- You are enrolled in an MSc. program
- You live/stay in or around Bonn (e.g. Bonn, Sankt Augustin, Cologne etc)
- Dynamic and willing to learn and work in an Agile team.
- You have strong programming skills (Java/Python/Scala | Python deep Learning libraries like tensorflow, pytorch are preferred).
- You have experience with Deep Learning tools and libraries: Tensorflow, Pytorch etc. Ideally should have worked with models for Natural Language Processing using Neural Networks such as RNNs, Attention based networks, and auto encoders etc. A strong desire to learn and adapt to new emergent areas and to implement new approaches.
- Some experience in semantic web technologies such as RDF, OWL, SPARQL and willing to learn extensions of SPARQL. Experience in other concepts such as RDF Mapping, use of link discovery frameworks such as SILK (http://silkframework.org/), LIMES (http://aksw.org/Projects/LIMES.html) are desirable but can also be acquired during the work.
- You are able to run, install, and configure research software (e.g. from GitHub projects)
- You have experience with version control systems (Git preferred).
- Good Command of the German Language is an added advantage.

The initial contract will be six (6) months. After performance analysis, it can be further extended.

To apply for the job please attach a CV (specifically reply with 1–2 lines of text to each of the requirements listed above) and send it to Mr. Isaiah Mulang’ Onando (isaiah.mulang.onando@iais.fraunhofer.de) before 30th January, 2019. Please provide evidence for your skills wherever possible (please include link of your Git repository, if any). You will not have to attach previous diplomas etc., but you should mention where you gained experience on something (e.g., in a previous job or at a university course). Once CV is shortlisted, you will be assigned a programming task followed by a personal interview. Physical presence at the Institute is mandatory for at least 3 days of the week, and we offer you a workplace; however you may also be able to do some of your work remotely, and have meetings with your supervisors/colleagues over Skype.