

**** PhD Research Position in Neural Network Machine Translation Technology****

We are seeking an outstanding and highly motivated PhD student to join the Universidad Autónoma de Ciudad Juárez at Mexico, and contribute to a new project in the area of Neural Network Machine Translation. More concretely, the project aims at neural network architecture to achieve the largest improvements for machine translation quality.

The main tasks of the PhD researcher will be related to researching, planning, and designing a Neural Network translation system. This includes research related to the design/framework of a system capable of bridging the gap between human and machine translation. The PhD researcher will also be involved in parts of the development (programming) of a system accurate enough and sufficiently fast to provide better translations than current translation machines. Furthermore, the PhD student researcher will coordinate and co-supervise research assistants and BSc/MSc students who will help with programming (and design) tasks of different learning techniques based on large amount of data.

The PhD researcher will be working under the supervision of Dr. Ricardo Rodriguez Jorge and Dr. Jolanta MIZERA-PIETRASZKO and will join an active research team of undergraduate and graduate students.

Required Qualifications:

- . Msc. in Computer Science, Information Systems, or a related area
- . Research experience in or related areas
- . Strong publication record
- . Strong research skills
- . Strong software development skills, especially for web-based programming
- . Interest in conducting applied research in education that benefits real-world learners
- . Strong verbal and written communication skills
- . Self-motivated with a strong work ethic and ability to work independently

Assets and Preferences:

- . Experience in mentoring/co-supervising undergraduate and graduate students
- . Project management skills
- . Experience and ability to design and build tools or systems
- . Experience in designing user interfaces and data visualization
- . Programming experience and skills in HTML-5, JavaScript, PHP, MySQL
- . Programming experience and skills in developing client/server application in Java socket programming
- . Familiar with JSON and XML
- . Familiar with Debian, Oracle Virtual Box

Job Details:

- . Preferred start date is September, 2017, Option to start 1-2 months earlier or later can be negotiated.
- . The position is for 3 years, with the goal of applying for additional funding.

How to Apply:

Please send the following documents to Dr. Ricardo Rodriguez Jorge

- Motivation letter (including information about possible start date)
- A description about your previous and current research (max. 1 page)
- CV
- Names and contact information of three references
- 1-2 representative publications
- Deadline: June 30, 2017

Questions:

Please contact Dr. Ricardo Rodriguez Jorge