HEC Liège is looking for a PhD student (M/F) in Data Science (ref. HEC-DL18001)

The HEC Digital Lab is the transdisciplinary centre of excellence, within HEC Liège, spearheading research & education in Digital Technologies. As part of its expansion, it is now looking for a PhD student to work for an industry-sponsored PhD research project.

The project will fall within the realm of artificial intelligence, machine/deep learning and statistical methods for predictive analytics. Several research avenues/applications are envisaged and will be refined together with the sponsors. Domains for empirical work include:
- Audit control and performance management
- Customer segmentation and product recommendation
- Fraud detection

ABOUT HEC LIEGE

HEC® Liège is the management school of the University of Liège. HEC® Liège is one of the leading Belgian university business schools for graduate and postgraduate programs with more than 115 full-time faculty members and researchers and more than 2500 students. HEC® Liège is a dynamic institution that heavily promotes an active pedagogy leading students to contribute actively to their own education. The international vision of HEC® Liège translates into multiple research activities in management and economics, numerous partnerships with worldwide companies and universities, and growing internationalization of its programs and faculty.

HEC® Liège is located in Liège, Belgium’s third largest city, and the largest agglomeration of the French-speaking Walloon region. At the heart of Europe, Liège is the third inland port of Europe and the seventh freight airport in Europe. Recognized for its quality of life and its rich historical heritage, Liège is ideally situated within the Meuse-Rhin Euregio, 30 km from Maastricht (the Netherlands) and 60 km from Aachen (Germany). It is less than 1.5 hours away from Cologne, 2.5 hours from Paris and 4 hours from London by high-speed train (TGV) starting from the new magnificent train station designed by the renowned architect Santiago Calatrava.

A thorough description of the management school and its work environment can be found at: http://www.hec.ulg.ac.be/en/home
JOB DESCRIPTION

As a full-time PhD Student at HEC Liège, you will be affiliated to the strategic research field “Supply Chain Management and Business Analytics” at HEC Liège. Regular interaction with the sponsor’s team of practitioners is expected. You will represent the HEC Digital Lab in the international scientific community through (for instance) the participation in scientific conferences and workshops.

YOUR PROFILE

- You have a relevant Master’s degree or strong Bachelor’s degree with work experience;
- You have an excellent understanding of and practical experience with state-of-the-art methods in machine/deep learning, statistics (e.g. regularization, GLM), NLP and/or Social Network Analytics (e.g. centrality and graph-based measures);
- You are well-versed in Python (scikit-learn, PyTorch) and/or KERAS (or Tensorflow), R, Java;
- You have good communication skills;
- Some knowledge in the following domains would also be highly appreciated:
  - Audit control and performance management
  - Banking and Finance
  - SLDC (Agile)

CONTRACT

The doctoral researcher will be hired for a period covering mid-February 2019 until mid-February 2023. The starting date might be postponed to 1st of September 2019 the latest.

APPLICATION PACKAGE

- CV showing the experience/expertise of the candidate;
- Cover letter describing the motivation in pursuing a PhD research in the aforementioned field.

Interested candidates should send their application by email to Nicolas NEYSEN, Director HEC Digital Lab (nicolas.neysen@uliege.be) with Prof. Ashwin ITTOO in copy (ashwin.ittoo@uliege.be). Applications should be received before 31st December 2018.

Incomplete applications (i.e. without CV or cover letter) will be automatically rejected. Further information can be obtained by sending an email to Prof. Ashwin ITTOO (same address).