Associate Professor in Data Science

Company:
Université Catholique de Lille

Location:
France / Lille

Discipline:
Data Science

Employment Type:
Permanent Full-time

Posted:
2022-07-20

Contact Person:
If you wish to apply for this position, please specify that you saw it on AKADEUS.

DATA SCIENCE ASSOCIATE PROFESSOR

Permanent contract, full-time, as soon as possible, in the Faculty of management, economy and science

Context

The Faculty of Management, Economy, and Science (FGES) is recruiting a permanent data science associate professor to be filled as soon as possible.

FGES offers 10 bachelor degrees, 13 masters and professional degrees in science, management, accounting and economy, and double degree preparation classes. It welcomes 2400 students each year. Student support (active pedagogy, student life programs, personal development and professionalization) and internationalization are part of the wider mission of the University to train professionals capable of adapting, innovating, and becoming active and responsible citizens. The dissemination of scientific culture and openness to socio-economic circles are also a priority through teaching, research and studies. The FGES research unit Smart and Sustainable Cities is a multidisciplinary unit with four main axes: Challenges of energy efficiency, Organization and extra-financial criteria, Digital transition and Sustainable city and biodiversity. It includes about thirty members.

The Catholic University of Lille, with its 40,000 students, is a multidisciplinary university with five Faculties (Law; Letters and Human Sciences; Medicine and Midwifery; Management, Economics & Sciences; Theology), 20 Schools and Institutes including medical schools and paramedical, social, tertiary executives, a Hospital Group, and in all, nearly 50 research teams bringing together 650 associates.

The candidate will be able to conduct their own research while participating in the development of the FGES research unit. The candidate must hold a doctorate in computer science. A research activity related to **data science** is desired.

He/She will integrate the digital transition axis. Teaching experience will be particularly appreciated. He or she will provide undergraduate and masters courses. The successful candidate must demonstrate solid research experience (with at least two publications over the past four years).

Missions

Teaching and pedagogical activities :

- Teaching Computer Science courses : theory, practice, project supervision, seminars and conferences in English and/or French.

1. in the computer science diplomas (bachelor and masters), like: Programming and POO, Algorithms, Databases, Web programming, operating systems, networks, data processing and analysis … in addition to specialized courses for Master students.
2. in transversal diplomas, like: Python programming, modeling and data analysis…

- Ensure all the related obligations, such as corrections of written and/or oral tests for continuous assessment and examination, the preparation of intervention materials and their availability on the resource center platform.
- Participation in internship evaluations (correction of reports and defense).
- Contribute to the creation of new diplomas (definition of educational content and formats, interventions, monitoring / recruitment of students and teachers) and the development of existing training.
- Participate in events that aims to promote and present our diplomas and recruit students (forums, immersion, etc.).
- Participate in the development of ongoing projects around educational innovation and competency-based assessment.

For more information related to our programs and on the candidate missions, you can visit our website https://www.fges.fr/ or contact: Dr. Nicolas Gouvy (nicolas.gouvy@univ-catholille.fr)

Research:

The candidate must be able to collaborate through existing projects on Smart and Sustainable Cities in the short term. The successful candidate will be invited to integrate the digital transition axis and develop research in collaboration with the members of this axis, and/or in interdisciplinarity, with the other members of the research unit. The research domains that interest us, without being limited to, are machine learning, data processing and storage, modeling and simulation, data mining, decision support, Artificial Intelligence.

For more information about the research unit and our research activities, you can visit our website https://smart-and-sustainable.org/ or contact: Dr. Abir Karami (abir.karami@univ-catholille.fr)

Required skills and qualifications

The following skills and qualifications are required:

- Ability to understand an environment and improve it.
- Ability to work in a multidisciplinary team.
- Willingness, commitment, and sense of responsibility.

To apply

Please send to the mail address listed below and before the **31st of August 2022** :

- Your CV with a summary of your teaching and research experiences.
- Motivation letter.

As well as any documents deemed relevant to your application.

For candidates who pass the first selection phase, you will be asked to provide a 2-page integration project and for an interview.

Direction des Ressources Humaines de l'Institut Catholique de Lille - 60 Bd Vauban – BP 109 – 59016 Lille Cedex

Madame Yolande MAGRIT – Directeur des Ressources Humaines- 03 59 31 50 11 carine.ledoux@univ-catholille.fr

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