RÉPUBLIQUE FRANÇAISE
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UNICAEN

UNIVERSITÉ CAEN NORMANDIE

RECRUTEMENT

CONTRAT DE PROJET D'ENSEIGNEMENT ET DE RECHERCHE

RENTRÉE 2025

U.F.R, Ecole ou Institut : UFR des sciences	
Equipe de recherche : GREYC	
Nature du concours *(préciser article)* :	CDD Enseignant-Chercheur (3 ans – Service d'enseignement : 96h/an)
Section / Discipline demandée :	27 / Informatique
Corps demandé :	
Libellé général profil publication :	Poste d'enseignant-chercheur en Intelligence artificielle et Interaction humain-machine
Date recrutement demandée au :	01/09/2025
Contacts - renseignements enseignement	fabrice.maurel@unicaen.fr
- renseignements recherche	gael.dias@unicaen.fr, abdel-illah.mouaddib@unicaen.fr
- renseignements adm°	ingrid.laignel@unicaen.fr

Publication profile in English: The Faculty of Sciences is seeking a specialized lecturer in the field of Artificial intelligence and Human-computer interaction.

Keywords: Artificial Intelligence, Data Science, Human-Computer Interaction, Data Visualization, Intelligent Interfaces, Conversational Agents, Brain-Computer Interfaces, Augmented Reality, Virtual Reality, Multimodal Interaction, Affective Computing.

I.TEACHING PROFILE:

Relevant study tracks:

- Levels: ☑Bachelor's degree ☐ Master's degree

- Relevant degree programs: Professional Bachelor's in Artificial Intelligence Professions: Tools and Methods (project NORMANTHIIA – AMI CMA).

- Subject : Human-Computer Interaction (HCI) and Data Visualization, Applications of Large Language Models (LLMs), AI and Robotics Applications.

Normandie Université

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Teaching Content and Pedagogical Supervision Goals:

The recruited candidate will be affiliated with the Department of Mathematics and Computer Science at the University of Caen Normandy. He/She will be particularly involved in teaching within the Professional Bachelor's in Artificial Intelligence Professions: Tools and Methods, supported by the CMA-funded NORMANTHIIA project.

NORMANTHIIA focuses on scaling up the number of students trained in Artificial Intelligence, based on assessments made in the context of France's "Artificial Intelligence Acceleration Strategy" and the national initiative "AI for Humanity". The project includes ten actions across six institutions aimed at developing multidisciplinary training pathways for both specialists and non-specialists in Artificial Intelligence.

More specifically, the recruited candidate will contribute to the following courses (among others): Human-Computer Interaction and Data Visualization, AI and Robotics Applications, Applications of Large Language Models, Project Management, Advanced Python Programming, Object-Oriented and Functional Programming, Logical Reasoning, Heuristic and Probabilistic Reasoning, Linear Programming and Constraint Satisfaction Problems (CSP), Data Analysis and Clustering, etc.

The selected candidate will also be expected to play an active role (accounting for half of the teaching load) in the design and implementation of a "Smart Apartment" funded by the NORMANTHIIA project. This initiative aims to foster the development of intelligent solutions within a real-world application context.

In addition to teaching and contributing to the smart apartment project, the candidate will be encouraged to propose and lead interdisciplinary projects in AI involving other fields such as Cognitive Science, Psychology, Sociology, Law, and Ethics.

To enable the successful development of their research activities in an environment conducive to real-world intelligent applications, the teaching load will be reduced to 96 hours per year (equivalent tutorial hours).

II.RESEARCH PROFILE:

Topic/Project:

Artificial Intelligence and Human-Computer Interaction

Recruitment objectives:

The successful candidate will develop research primarily in Artificial Intelligence, with a strong focus on implementing real-world applications at the intersection with Human-Computer Interaction. Multidisciplinary research experience will be considered a significant asset.

The selected candidate will carry out their research within the GREYC Laboratory (UMR 6072), joining the team whose research themes align most closely with their expertise.

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Application procedures

Candidates can submit their complete application (CV, cover letter, and copy of their most recent diploma) by email to ingrid.laignel@unicaen.fr,

with a copy to drh.recrutement.enseignants@unicaen.fr, before May 30, 2025.

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