

**PUBLICATION D'EMPLOIS D'ENSEIGNANTS ET ENSEIGNANTS-CHERCHEURS**

**RENTREE 2024**

U.F.R, Ecole ou Institut : UFR des sciences	
Equipe de recherche : GREYC	
Nature du concours ( <i>préciser article</i> ) :	CDD Enseignant-Chercheur (2 ans – Service d'enseignement : 128h/an)
Section / Discipline demandée :	27 / Informatique
Corps demandé :	
Libellé général profil publication :	Poste d'enseignant-chercheur en Intelligence artificielle et/ou Science des données appliquée à la Santé
Date recrutement demandée au :	01/09/2024
Contacts - renseignements enseignement	fabrice.maurel@unicaen.fr
- renseignements recherche	gael.dias@unicaen.fr
- renseignements adm°	Ingrid.laignel@unicaen.fr

Profil publication : L'UFR des Sciences recherche un.e enseignant.e-chercheur.se spécialisé.e dans le domaine de l'Intelligence artificielle (IA) et/ou de la Science des données (SD) appliquée à la Santé.

Profil publication en anglais : The Faculty of Sciences is seeking a specialized lecturer in the field of Artificial intelligence (AI) and/or Data Science applied to healthcare.

Rajouter les mots clefs : Intelligence artificielle, Science des données, Santé numérique

Keywords : Artificial Intelligence, Data Science, Digital Health

**I. TEACHING PROFILE:**

Fields of study :

- levels :  Bsc. x Msc.

- diplomas : Master in Computer Science – Artificial Intelligence, Data Science and Health (SATIN project – AMI CMA).

- subjects : Artificial Intelligence – Data Science

Objectives in terms of pedagogical content and supervision :

The recruited person will be attached to the Mathematics and Computer Science department of the University of Caen Normandy. He/her will be required to participate in the teaching activities of the Master's program in Computer Science, specializing in Artificial Intelligence, Data Science, and Health, funded by the CMA SATIN project. The SATIN project, funded to the tune of 2.5 million euros, notably involves the creation of a Master's program in Computer Science with a specialization in the field of Health,

aiming to increase the number of students enrolled in dual competency programs in accordance with the national strategy for accelerating digital health.

In particular, the recruited person may be involved in the following teachings: Advanced Databases, Computer Vision, Introduction to Data Science, Evaluation of Learning and Optimization Methods, Data Analysis, Pattern Mining and Structured Data, Pattern Recognition, Image Processing, Design Patterns and Data Structures, Parallel and Distributed Programming, Constraint Programming, and Linear Programming. The teaching workload will be reduced to 128 hours per year equivalent to teaching units.

Pedagogical and administrative responsibilities: The candidate will be involved in both the design of lectures and tutorials or practical work. The recruited person may contribute to the overall organization of the Master's program and, consequently, to the CMA SATIN project.

## II. RESEARCH PROFILE :

Topic/Project : Artificial Intelligence, Data Science and Digital Health

Objectives of the recruitment :

The recruited person will be required to conduct research in the field of Artificial Intelligence and/or Data Science. Specifically, his/her area of application should focus on Digital Health. The selected candidate will conduct his/her research within the GREYC UMR 6072 laboratory, in one of the teams whose themes are most suitable.