

Research Engineer Position in Machine Learning in Civil Engineering Group (VAC-2022-02)

POSITION DETAILS

Number of vacancies: 1

Category: RENG-4

Location: Madrid

Yearly salary (gross): 26.835,73 EUR

Working hours: Full time

Duration: 6 months

Starting date: March 2022

FUNCTIONS TO BE DEVELOPED BY THE APPLICANT

CIMNE is looking for a **Research Engineer** to be part of the Research Group on Machine Learning in Civil Engineering

The position is associated to the Project TRISTÁN: "New computational Tools for Reliability-based dam SafeTY Assessment", (RTI2018-094785-B-I00). The tasks to be developed are:

1. Application of numerical methods and machine Learning techniques in dam safety problems.
2. Application of numerical methods in structural and hydraulic analysis of dams.

REQUIREMENTS

1. Bachelor or MSc degree in Civil, industrial, environmental engineering, or related areas.
2. Expertise in machine learning will be a plus.
3. Good programming skills.
4. Good working knowledge of English, written and spoken.

EVALUATION OF CANDIDATES

The requirements and merits will be evaluated with a maximum mark of 100 points. Such maximum mark will be obtained by adding up the points obtained in the following items:

- Academic record (60%)
- Previous research and professional experience in the field of the position (20%)
- Programming skills (10%)
- Language skills (10%)

HOW TO APPLY

Candidates must complete the "Application Form" form on our website, indicating the reference of the vacancy and attaching the following documents **in English**:

- Curriculum vitae
- A motivation letter
- Academic transcripts from all Undergraduate and MSc degrees
- Name and institutional contact information of two possible referees

The deadline for registration to the offer ends on 27th January, 2022 at 12 noon.

The shortlisted candidates may be called for an interview. They may also be required to provide further supporting documentation.

CIMNE is an equal opportunity employer committed to diversity and inclusion. We are pleased to consider all qualified applicants for employment without regard to race, colour, religion, sex, sexual orientation, gender identity, national origin, age, disability or any other basis protected by applicable state or local law. CIMNE has been awarded the HRS4R label.