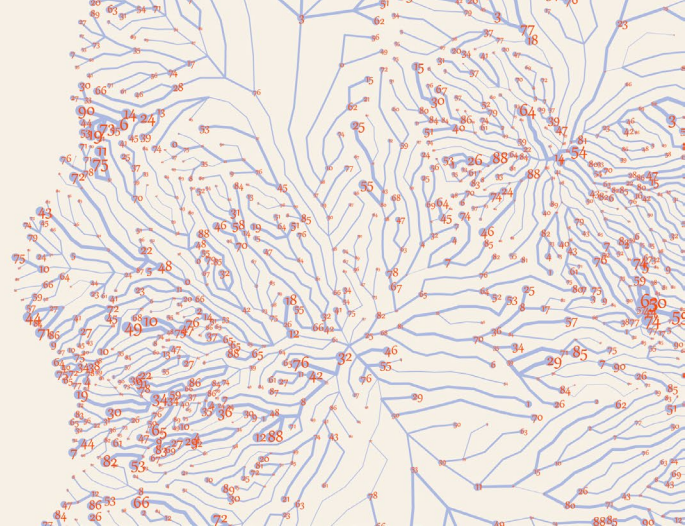# CALL FOR APPLICATIONS

Full-Time Associate Academic Technician in the Data Science Unit at C3

In order to perform a contract for a specific work, based on Article 51 of the Academic Personnel Statute of UNAM
New deadline: June 9, 2025
Download the requirements: www.c3.unam.mx

The **Centro de Ciencias de la Complejidad (C3)** in México, for the purpose of hiring for a specific project, and based on Article 51 of the Statute of Academic Personnel of the UNAM, invites individuals who meet the requirements listed below to participate in the selection process for the position equivalent to **Full-Time Associate Academic Technician** under contract at the **Data Science Unit of C3**, with an approximate monthly salary of $21,000.00 MXN plus economic incentives and employment benefits, according to the following:

Requirements:

1. To be a specialist in the field of data science, candidates should possess at least a master's degree (or equivalent training in a related field) and have a minimum of three years of experience in the area.

2. Candidates must have experience working with interdisciplinary groups in the development, design, construction, and analysis of databases related to health, ecology and biodiversity, psychology, biomedicine, bioinformatics, or information sciences. They should also have collaborated for at least three years with leading research groups in Data Science and/or Artificial Intelligence, providing evidence of their participation in prestigious international publications or significant developments in the productive sector.

3. Experience in handling and analyzing large volumes of data using both SQL and NoSQL environments is essential.

4. Candidates should demonstrate knowledge in analyzing, designing, and developing mobile applications, information systems, or intelligent agents that utilize large language models.

5. Strong programming skills in JavaScript, R, and/or Python are required, along with expertise in applying machine learning techniques to big data analysis. Additionally, knowledge and experience in administering and managing Linux servers are important.

Evaluation Process:

1. Design a project using a data science approach to effectively tackle a significant issue relevant to Mexican society. This could involve areas such as health, urban mobility, biodiversity monitoring, economy, gender equity, or other complex problems faced in our country.

2. The proposed solution should encompass the entire data management process, from data acquisition to the application of Artificial Intelligence (e.g., large language models or other cutting-edge technologies), as well as machine learning techniques and data visualization.

3. The candidates will need to present and defend their projects to an evaluation committee. Each presentation should not exceed thirty minutes.

Application Process:

Interested candidates should send an email to the Academic Coordination Office at C3 (academia@c3.unam.mx), expressing their interest in the position and attaching the following documents in PDF format:

- A letter addressed to Dr. Xavier Soberón Mainero, General Coordinator of C3, requesting to be considered in the selection process and explaining the motivations for applying.

- Curriculum vitae accompanied by the documents supporting the information in the CV.

- Proof of an academic degree or professional title, or documentation demonstrating equivalent experience.

- Two letters of recommendation.

The deadline for submitting applications is June 9, 2025. After this date, the Academic Coordination Office of C3 will inform candidates about the location, date, and time of the interviews. Applications will be evaluated by the inner academic committee within C3. The file of the selected candidate will then be forwarded to the Technical Council of Scientific Research for final review and approval.

Please note that this process does not constitute an Open Competitive Examination for entry in accordance with the Statute of Academic Personnel of the National Autonomous University of Mexico. Therefore, the hiring decision is final and not subject to appeal.

"POR MI RAZA HABLARÁ EL ESPÍRITU"
Ciudad Universitaria (UNAM), Mexico City, May 21, 2025.

DR. XAVIER SOBERÓN MAINERO
General Coordinator
Centro de Ciencias de la Complejidad, UNAM