

EURAXESS

Job offer

JOB

SPAIN

[Universitat de Barcelona](#) | Posted on: 25 September 2025

2 Postdoctoral position in Computer engineer position in EUCAIM, European Cancer Images Infrastructure

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25 Sep 2025

Job Information

Organisation/Company	Universitat de Barcelona
Department	OPIR
Research Field	Biological sciences Computer science
Researcher Profile	Recognised Researcher (R2)
Positions	Postdoc Positions
Country	Spain
Application Deadline	23 Oct 2025 - 23:59 (Europe/Madrid)
Type of Contract	Temporary
Job Status	Full-time
Hours Per Week	37,5
Offer Starting Date	17 Nov 2025
Is the job funded through the EU Research Framework Programme?	Digital Europe
Reference Number	101100633
Is the Job related to staff position within a Research Infrastructure?	No

Offer Description

The Universitat de Barcelona is seeking a **highly motivated Computer Engineer** to join our team and contribute to the development of a cutting-edge **federated analysis infrastructure** for the **European repository of cancer imaging data** (cancerimage.eu).

As part of the EUCAIM project—a flagship €33 million initiative funded by the European Commission—you will play a key role in building a secure, scalable, and legally compliant platform for AI-powered cancer research.

Key responsibilities include:

- Designing and implementing a distributed analysis infrastructure.
- Developing procedures for the integration of AI and data analysis tools, and workflows.
- Ensuring interoperability, privacy, and performance of federated systems.

Candidate profile

We are looking for individuals who are passionate about technology and its impact on healthcare.

Required qualifications:

- MSc or PhD in Computer Engineering, Computer Science, Bioinformatics, or a related field

- Strong technical background in one or more of the following areas: artificial intelligence, software engineering, data management, distributed systems, or cloud computing
- Excellent communication and teamwork skills
- Strong organizational abilities with the capacity to work independently and manage priorities to meet project deadlines
- Advanced proficiency in spoken and written English

Desirable:

- Previous experience in European/international collaborative projects
- Familiarity with biomedical or healthcare data ecosystems

We strongly encourage applications from women and candidates from underrepresented groups.

About EUCAIM

EUCAIM is a landmark initiative bringing together over **70 partners across Europe** to create a federated infrastructure for cancer imaging data. The project aims to build a comprehensive **Cancer Image Atlas** that integrates multiple data modalities, ensuring secure and privacy-preserving access to support cutting-edge AI research in healthcare.

Gross salary per year*: 29.088,00€

The application period is from **26 September to 23 October 2025**.

Where to apply

Website <https://t.ly/MCBO1>

Requirements

Research Field Computer science

Education Level PhD or equivalent

Research Field Biological sciences

Education Level PhD or equivalent

Skills/Qualifications

- Software engineering and Deployment
- Distributed and Cloud computing
- Knowledge of clinical image analysis
- Excellent programming skills
- Excellent English, both oral and written

Specific Requirements

- Good team spirit and participation to the scientific life of the lab
- Aptitude to work independently and to lead on project deliverables
- Aptitude to collaborate with both technical and clinical collaborators

Languages ENGLISH

Level Excellent

Research Field Computer scienceBiological sciences

Years of Research Experience 4 - 10

Additional Information

Eligibility criteria

- CV adequation (max. 70):
Msc/PhD in computer science, computer engineering, or bioinformatics equivalent (20)
Professional experience (30)
Experience in data platforms and cloud computing environments (20)
- Interview (max. 30)

Selection process

- First selection based on CV and letter
- Interviews by a panel of Josep Lluís Gelpi and members of the project

Additional comments

Duration of the contract of employment: 12 months, renewable up to 31 December 2026

The candidate proposed for hiring must accept the job offer within 3 working days from the date of notification of the selection. Priority will be given to people with disabilities (Law 89/2015 of June 2, reserve of quota 2% in favour of people with disabilities in companies of 50 or more people).

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Be aware that the starting date set in this offer is an estimate date. The official starting date will depend on the bureaucratic time that will take the preparation of the labour contract and presentation of the necessary documents to be hired by the selected candidate.

For additional information regards this offer, please, contact: gelpi@ub.edu.

Work Location(s)

Number of offers available	2
Company/Institute	Universitat de Barcelona
Country	Spain
State/Province	Barcelona
City	Barcelona
Postal Code	08028
Street	Diagonal 643
Geofield	

Contact

State/Province	Barcelona
City	Barcelona
Website	https://web.ub.edu
Street	Gran Via de les Corts Catalanes, 585
Postal Code	08007

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