



Company Details Confidential



#JOB-2420573



2 Bridge Street, Athlone, Co. Westmeath, N37

F1W4



No of positions : 1



Paid Position



39 hours per week



40000.00-42000.00 Euro Annually



13/11/2025



11/12/2025

How to apply

Application Method :

Please apply to the vacancy by the following means:

Email : Info@panelysian.com



Open your camera app & point here to view this ad online



AI & Bioinformatics Specialist (Neuroinformatics R&D)

Application Details

In order to work in Ireland a non-EEA National, unless they are exempted, must hold a valid employment permit. Please review the [Eligibility and requirements for an employment permit](#) if you are unsure of your eligibility to apply for this vacancy.

Job Description

About Us

Panelysian Technologies Limited is committed to advancing Ireland's R&D capabilities by integrating biotechnology, neuroscience, and AI-driven cybersecurity innovations.

Role Overview

We are seeking an AI & Data Research Analyst (Neuroinformatics Focus) to contribute to Panelysian's data science and AI research division. The role bridges biotechnology, data analytics, and AI-driven cybersecurity, exploring how biological and cognitive models can inspire data intelligence frameworks.

This role qualifies under Ireland's Critical Skills Employment Permit category for ICT and Research professionals.

Key Responsibilities:

- Conduct applied research combining biological data and machine learning approaches.
- Design experiments and develop models for data-driven cognitive pattern analysis.
- Support integration of research insights into AI and cybersecurity systems.
- Collaborate with engineering teams on AI algorithm development and model validation.
- Present research findings through reports, presentations, and technical papers.

Key Skills & Qualifications:

- MSc or higher in Biotechnology, Neuroscience, Bioinformatics, or related field.
- Strong analytical and quantitative research skills.
- Interest or exposure to AI / data analytics tools (Python, R, or similar is a plus).
- Ability to work in interdisciplinary teams.
- Excellent written and oral communication skills.

What We Offer:

Exposure to cutting-edge R&D combining life sciences and AI.

Collaborative, innovation-focused work culture.

Competitive salary (€42,000 – €50,000 depending on experience).

Hybrid work model and flexible schedule.

Location: Athlone, Co. Westmeath, Ireland

Contract Type: Permanent, Full-Time

- This vacancy is suitable for Remote/Blended working
- **Sector:** information and communication

Career Level

- Experienced [Non-Managerial]

Candidate Requirements

(Essential)

- **Minimum Experienced Required (Years):** 2
- **Minimum Qualification:** Level 9 (incl Post Graduate & Diploma & Master Degree)

(Desirable)

- **Ability Skills:** Administration, Analytical
- **Competency Skills:** Collaboration, Decision Making, Networking, Problem Solving
- **Specialising In:** neuroscience;python