



College/Management Unit:	UCD College of College of Science
School/Unit:	UCD School of Computer Science – CeADAR
Post Title & Subject Area:	Data Scientist II
Project:	Ireland’s Centre for Artificial Intelligence (CeADAR)
Post Duration:	Fixed-term post until 31 January 2026 (<i>Initially</i>)
Reports to:	CEO or nominee
Competition Ref. N^o:	XXXX
HR Administrator:	XXXX
Relocation Expenses:	<i>N/A</i>
Garda Vetting:	<i>Will not apply.</i>

Position Summary

Applications are invited from suitably qualified persons for the position of Data Scientist level 2 at CeADAR – Ireland’s Centre for Artificial Intelligence (CeADAR). CeADAR is partly funded by Enterprise Ireland and the IDA and is the national centre for applied artificial intelligence. Its market-focused agenda is developed in conjunction with its strong membership base of over 90 MNCs and SMEs. See www.ceadar.ie for further details.

The Data Scientist will play a key role in advancing CeADAR’s AI/ML capabilities, working alongside member companies to develop, propose, and implement cutting-edge AI solutions. Ideal candidates will have a strong foundation in AI/ML, demonstrated by a proven track record in product development, and an enthusiasm for innovating and deploying real-world AI applications. This position requires expertise in building robust, scalable models and a desire to work hands-on in creating solutions that push the boundaries of AI in industry settings.

As a vital link between CeADAR and its industry clients, the successful candidate will engage directly with clients across diverse sectors, leading projects that translate research into impactful, real-world AI/ML applications. This role provides an exceptional opportunity to work on varied, challenging projects and to drive the creation of advanced AI solutions at the forefront of industry needs.

CeADAR is hosted in UCD and is based off-campus in Belfield Office Park. The team conducts applied research in AI and analytics and develops applications in cooperation with our industry partners. The applied research at CeADAR covers broad aspects of AI and data analytics including real-time analytics, machine learning, prediction, natural language processing, and computer vision. This is a unique opportunity to work on a range of advanced AI projects in collaboration with industry partners and other applied researchers at the cutting edge of the ‘recently possible’. This is also an exciting opportunity to be involved in the training of a strategic and nationally important area of AI and Analytics.

Principal Duties and Responsibilities

Technical

- Take technical ownership of projects, including those undertaken in partnership with industry and on state-agency funded initiatives.
- Engage in hands-on R&D by devising innovative technical solutions, implementing software prototypes and evaluating these solutions in real-world settings.
- Hands-on research and development activities as required, including devising technical solutions, implementing software, and evaluating proposed solutions in the field of data analytics/AI. Specific areas of expertise include explainable AI, machine learning (including deep learning), real-time and time series data analytics, text mining and natural language processing.

- Develop and maintain scalable ML pipelines using modern MLOps frameworks. Design, deploy and manage machine learning models in production environments using Azure and AWS cloud technologies.
- Contribute to full-stack software development initiatives by integrating machine learning modules into end-to-end applications. Collaborate with software engineers to ensure seamless product deployment and user experience.
- Utilise containerisation technologies (e.g. Docker) and orchestrate deployments using Kubernetes to support robust, cloud-native application environments.
- Scoping and developing project proposals in a client-facing environment.
- Design and delivery of technical training in the areas of data science and applied AI.
- Dissemination of research findings and evangelisation of technologies at industry events
- Authorship of project reports, technical papers, and state-of-the-art reviews

Management/Organisational

- Management of research projects with company partners
- Assisting with business development and commercialisation activities when required

Any other duties

- Undertake any other duties as assigned by the CEO/Nominee

Salary range: €53,000-64,000 per annum

Appointment on the above range will be dependent on qualifications and experience

Details on eligibility to compete and pension information is available at

<https://www.ucd.ie/hr/resourcing/eligibilitytocompete/>

UCD is committed to creating an inclusive environment where diversity is celebrated and everyone is afforded equality of opportunity. We welcome applications from everyone, including those who identify with any of the protected characteristics that are set out in our Equality, Diversity and Inclusion policy. Learn more about Diversity at <https://www.ucd.ie/workatucd/diversity/>

Reasonable accommodations will be provided to any applicant during the interview process who discloses they have a disability or are neurodiverse.

Selection Criteria

Selection criteria outline the qualifications, skills, knowledge and/or experience that the successful candidate would need to demonstrate for successful discharge of the responsibilities of the post. Applications will be assessed on the basis of how well candidates satisfy these criteria.

Essential

- MSc in Computer Science or other relevant numerical field.
- Minimum of 3 years' experience developing applied data science (machine learning) solutions.
- Minimum of 3 years' experience developing backend cloud platform development .
 - o Knowledge of data analytics methods and experience with traditional machine learning and advanced deep learning technologies using frameworks.
 - o Strong Experience working in NLP and Generative AI, specifically fine-tuning and applying Transformers to different tasks and development of AI driven agentic workflows.
- Excellent organisational skills including a proven ability to work to deadlines and on multiple projects and concurrent tasks
- Strong full-stack software development experience and development of end to end ML products and pipelines.

- Strong product development and delivery experience, with a sound grip on working with cloud computing platforms and virtualisation technologies such as, KVM, Kubernetes, Docker, etc.
- Ability to generate new ideas and build upon existing ideas to generate unique concepts
- Strong communication & interpersonal skills.
- A willingness to learn and explore new tech and data science tools.
- Experience working closely with industry partners on machine learning projects, particularly developing project specifications and delivering to deadlines on multiple projects simultaneously.
- Excellent presentation skills with demonstrated experience of delivering training to non-technical audiences.
- Experience with presentations on advanced AI technologies to technical and non-technical audiences.
- Candidates must demonstrate an awareness of equality, diversity and inclusion agenda.

Desirable

- Experience of working in industry in a data analytics/machine learning/AI role.
- Experience in managing and processing large volumes of data.
- Knowledge of IP process and experience of IP protection.
- Knowledge of National and European (Horizon Europe) funding mechanisms.

Supplementary information

The Centre:	https://www.ceadar.ie
The University:	http://www.ucd.ie/aboutucd.htm
UCD College of Science:	http://www.ucd.ie/science/
The School/Programme Office/Unit:	http://www.csi.ucd.ie/
Enterprise Ireland Technology Centres:	http://www.enterprise-ireland.com/en/Research-Innovation/Companies/Collaborate-with-companies-research-institutes/Technology-Centres.html

About CeADAR:

CeADAR is funded by Enterprise Ireland and IDA under its Technology Centres programme and is led and driven by a consortium of companies from the data analytics industry, both national and international. It brings together Irish researchers, scientists and engineers in data analytics to address research challenges in the area as identified by SMEs and MNCs operating in Ireland. The research agenda is driven by the requirements of the industry membership.

Apply

Email your CV and Cover Letter to ceadar@ucd.ie with the subject line:
Application 2025 – DS Level 2 – [Your Name]

Please submit before the **closing date of 5pm, Friday 16 May**.