

Work Ready Graduate Programme 2025

Post Title & Subject Area: WRGP Data Scientist

Post Duration: Temporary 12-month post

Reference: R28456

How to apply: Email your CV and Cover Letter to: ceadar@ucd.ie

Use subject line on your application: 2025 WRGP Job Application R28456

Closing date: Friday Jan 17th 2025 5:00 PM

Position Summary:

Are you interested in becoming an applied AI/data scientist and developing a career in the world's fastest growing and arguably most exciting discipline of AI/data analytics? Then this 'work ready' graduate training programme may be a great opportunity for you.

CeADAR Ireland's Centre for AI and is running the 2025 phase of the Work Ready Graduate Programme Work Ready Trainee Graduates are hosted both at CeADAR and at our industry partners offices. CeADAR is looking for a Work Ready Graduate candidate with solid coding experience and with a postgraduate degree in a numerate subject such as Computer Science, Data Analytics, AI, Engineering or Maths/Statistics.

CeADAR is based in University College Dublin and is funded by Enterprise Ireland to help the companies embrace and leverage AI technology. CeADAR is also the designated European Digital Innovation Hub for AI in Ireland, and thus works extensively in Europe. The applied research at CeADAR covers broad aspects of AI and data analytics using advanced machine learning to deal with structured and unstructured data coming from many different sectors. This is an exciting opportunity to be involved in this strategic and nationally important area of AI where CeADAR is shaping the strategy at national and EU level.

More about the role:

The goal of the work-ready programme is to train up to MSc graduates to become applied AI/data scientists through a mixture of structured training and on-the-job experience. This new and innovative programme is designed to provide the training, resources and connections you'll need to transition into a career in AI/data science. The programme has a focus on cutting edge data science and machine learning tools and practices used in industry. It is run in collaboration with the ambitious Irish SMEs. Candidates will be supervised by CeADAR staff and will be seconded to member companies' premises to work on projects.

Principal Duties and Responsibilities:

Work Ready Graduate Programme 2025

- Undertake supervised industry project(s) during placement in company.
- Undertake professional training (e.g. Project management certification, scrum training).
- Undertake industry-facing research work in CeADAR.
- Compulsory attendance and successful completion of relevant training modules.
- Attendance at relevant industry conferences and events.
- Undertake any other duties as assigned by the Principal Investigator, or nominee.

Fixed Salary: €37,750 Per Annum

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.

Mandatory:

- Recent Graduate with a master's degree (minimum 2.1) in a subject such as Computer Science,

Data Analytics, AI, Engineering or Mathematics/Statistics.

- Knowledge of data analytics methods.
- Clear concepts on key AI domains including Computer Vision, NLP, Generative AI, and time series analysis.

Work Ready Graduate Programme 2025

- Strong data wrangling and advanced visualisation techniques using Python.
- Ability to generate new ideas and build upon existing ideas to generate unique concepts.
- Ability to work independently or as a part of a technical team.
- A willingness to learn and explore new tech and data science tools.
- Experience of software development.
- Excellent communication skills with demonstrated experience of writing technical reports.
- Proficiency in MS Office suite.

Desirable:

- Prior industry or applied AI research experience.
- Familiarity with databases and key cloud computing services and providers such as GCP, AWS, and/or Azure.
- Experience working with traditional machine learning and advanced deep learning technologies using frameworks such as Keras, TensorFlow, Pytorch.

Supplementary information:

The University: <https://www.ucd.ie/>

UCD Strategy 2020-2024: Rising to the Future: <https://strategy.ucd.ie/>

School of Computer Science: <https://www.ucd.ie/cs/>

CeADAR website: www.ceadar.ie

Equality Diversity and Inclusion at UCD: <https://www.ucd.ie/workatucd/diversity/>

Informal Enquiries ONLY to:

Name: Dr Arsalan Shahid

Title: Principal Investigator

Email address: Arsalan.shahid@ucd.ie