**JOB DESCRIPTION**
**Analyst Programmer I - Language Technology**
**ADAPT Centre**
**Fixed Term Contract up to 11 Months**

**Overview**

Dublin City University www.DCU.ie  is a young, ambitious and vibrant University, with a mission 'to transform lives and societies through education, research, innovation and engagement'. Known as Ireland's 'University of Enterprise and Transformation', it is committed to the development of talent, and the discovery and translation of knowledge that advances society and the economy. DCU is the Sunday Times Irish University of the Year 2021.

The University is based on three academic campuses in the Glasnevin-Drumcondra region of north Dublin. It currently has more than 18,000 students enrolled across five faculties – Science and Health, DCU Business School, Computing and Engineering, Humanities and Social Sciences and DCU Institute of Education.  DCU is committed to excellence across all its activities. This is demonstrated by its world-class research initiatives, its cutting-edge approach to teaching and learning, its focus on creating a transformative student experience, and its positive social and economic impact. This exceptional commitment on the part of its staff and students has led to DCU's ranking among the top 2% of universities globally. It also consistently features in the world's Top 100 Young Universities (currently in QS Top 70 Under 50, Times Higher Top 150 Under 100).

DCU is placed 84th in the world, in the Times Higher Education University Impact Rankings – measuring higher education institutions' contributions towards the UN Sustainable Development Goals. Over the past decade, DCU has also been the leading Irish university in the area of technology transfer, as reflected by licensing of intellectual property.

**Background**

The ADAPT Centre, a world-leading SFI Centre, is Ireland's global centre of excellence for digital content technology funded through Science Foundation Ireland's Centres programme. ADAPT combines the expertise of over 300 researchers across eight Higher Education Institutes (Trinity College Dublin, Dublin City University, University College Dublin, Technological University Dublin, Munster Technological University, Athlone Institute of Technology, Maynooth University, and National University of Ireland, Galway) with that of its industry partners to produce ground-breaking digital content innovations.

The ADAPT Centre executive function is co-hosted between Trinity College Dublin and Dublin City University. ADAPT brings together more than 300 researchers who collectively have won more than €100m in funding and have a strong track record of transferring world-leading research and innovations to more than 140 companies. ADAPT partners are successfully advancing the frontiers of Artificial Intelligence (AI), content analysis, machine translation, personalisation, e-learning and education, media technologies, virtual and augmented reality, and spoken interaction, as well as driving global standards in content technologies.

ADAPT's Irish Language Technology team wishes to recruit an Analyst Programmer a fixed term contract to work on the MeetingMinder project, the focus of which is to produce a prototype software framework to generate reports automatically from virtual and physical meetings. In this context, the Analyst Programmer will work with the development team to meet the project objectives and working with the industry partner to implement the MVP and trials, along with conducting background research and preparing reviews of the current relevant literature, state-of-the-art services, tools and technologies.

**Role Profile**
The successful candidate will work within a group of Academics and Researchers comprising the Meeting Minder team based in the ADAPT Centre in the School of Computing at DCU.

**Duties and Responsibilities**

Duties and Responsibilities include but are not limited to:

- Report directly to the project PI at DCU
- Support the research team in software and system development, working closely with industry partners
- Research and develop state-of-the-art techniques for information extraction, retrieval and NLP to meet with the project objectives
- Contribute to the design and implementation of the projects prototype demonstrators.
- Support the overall the research programme in close collaboration with project partners and the DCU-based team
- Other tasks relevant to successfully implementing the project's research programme.
- Carry out administrative work associated with the programme of research as necessary
- Participate in project meetings and represent the DCU team when required

**Qualifications and Experience**

**Minimum criteria**

Degree in an appropriate area or equivalent (NFQ Level 7) plus two years' experience successfully completed at an appropriate level

In addition to the above it is desirable that the candidate possess a subset of the following skills.

- Excellent communication skills, written and oral proficiency in English and Irish
- Experience with data analysis and data management
- Experience of working in the industry in a full-time role
- Experience of front-end development
- Experience of developing novel personal data analytics techniques and evaluating the effectiveness of same.

**Mandatory Training**
The post holder will be required to undertake the following mandatory compliance training: Orientation, Health and Safety and Intellectual Property and Data Protection training. Other training may need to be undertaken when required.