Applications are invited from suitably qualified candidates for the following position

Web/App Developer for Astronomical Software
Analyst Programmer I
Centre for Astrophysics and Relativity (CfAR)
11 Month Fixed Term Contract

Dublin City University
Dublin City University (DCU) is a leading innovative European University. It is proud to be one of the world's leading Young Universities and is among the world's top 2% globally. DCU is known as Ireland's University of Impact, with a mission to 'transform lives and societies' and focuses on addressing global challenges in collaboration with key national and international partners and stakeholders.

DCU has over 20,000 students in five faculties spread across three academic campuses in the Glasnevin-Drumcondra area of North Dublin. Thanks to its innovative approach to teaching and learning, the University offers a 'transformative student experience' that helps to develop highly sought-after graduates. DCU is currently No. 1 in Ireland for Graduate Employment Rate, and for graduate income (CSO).

DCU is a research-intensive University and is home to a number of SFI-funded Research Centres. The University participates in a range of European and international research partnerships. DCU is also the leading Irish university in the area of technology transfer as reflected by licensing of intellectual property.

As a 'People First' institution, DCU is committed to Equality, Diversity and Inclusion - a University that helps staff and students to thrive. The University is a leader in terms of its work to increase access to education, and is placed in the world's Top 10 for reducing inequalities in the Times Higher Education Impact Rankings.

Overview of the department
CfAR is a research centre in Dublin City University focused on research in astrophysics and relativity. Consisting of researchers from the Schools of Mathematical Sciences and Physical Sciences, it forms a coherent grouping with the aim of creating an environment for productive discourse and research as well as education of advanced undergraduate and graduate students who are pursuing their studies in the areas of interest of the centre.

Role Profile
This role arises as part of a National Open Research Forum (NORF) strand II project under the supervision of Dr. Oisin Creaner entitled "Star Guide: showing citizen scientists the best view of

exoplanets." This project is intended to support citizen scientists by making it easier for them to participate in ExoClock and Exoplanet Watch – ESA and NASA projects respectively to observe exoplanet transits with small, privately owned telescopes.

Dr. Creaner is an interdisciplinary scientist who focusses on the application of high-performance computing to astrophysical data analytics challenges. His research has focussed on observational astronomy across the spectrum from radio to visible to high-energy particle astronomy. At DCU, he plans to develop optimised strategies for the observation of exoplanets, for observers from citizen science projects such as Exoplanet Watch to ground-based high-performance observatories to satellites.

Duties and Responsibilities
Please refer to the job description for a list of duties and responsibilities associated with this role.

Qualifications and Experience

Essential:
- A primary degree (NFQ Level 7) or equivalent relevant experience in Physics, Software Development, or another related field.
- Two years relevant experience.

Desirable:
- PhD or equivalent experience in a relevant field.
- Experience in full-stack web development, amateur astronomy, citizen science projects, academic software development, user experience design or human computer interactions and scientific public engagement and outreach.

Essential Training
The postholder will be required to undertake the following essential compliance training: Orientation, Health & Safety, Data Protection (GDPR) and all Cyber Security Awareness Training. Other training may need to be undertaken when required.

Salary Scale:

Analyst Programmer I - €45,318 - €52,927

Appointment will be commensurate with qualifications and experience and in line with current Government pay policy.

Closing date: Friday, November 3rd 2023

Additional Information
Additional Information: Please note this role does not meet criteria for a Critical Skills permit as stipulated by the Department of Enterprise, Trade & Employment.

For more information on DCU and benefits, please visit Why work at DCU?

Informal Enquiries in relation to this role should be directed to:
Dr Oisin Creaner, School of Physical Sciences, Dublin City University.
Phone + 353 (0)1 700 6013 Email: oisin.creaner@dcu.ie

Application Procedure:
Applications should be submitted by e-mail with a CV and 1-page cover letter to oisin.creaner@dcu.ie

Please clearly state the role that you are applying for in your application and email subject line:
Job Ref: #RF1922 Web/App Developer for Astronomical Software

Dublin City University is an equal opportunities employer.

In line with the Employment Equality Acts 1998 – 2015, the University is committed to equality of treatment for all those who engage with its recruitment, selection and appointment processes.

The University's Athena SWAN Bronze Award signifies the University's commitment to promoting gender equality and addressing any gender pay gaps. Information on a range of university policies aimed at creating a supportive and flexible work environment are available in the DCU Policy Starter Packs