TERMS OF REFERENCE

Internship Opportunities at the United Nations International Computing Centre (UNICC)

Reference: ICC/24/MUL/i04
Position Title: Internship – Cloud Data Engineer
Number of Position(s): 1
Section/Unit: Digital Workplace Service Unit (OPDM)
Internship Duration: 6 months
Target Start Date: 1 May 2024
Duty Station(s): Brindisi, (Italy); Geneva (Switzerland), New York (USA), Valencia, (Spain); The opportunity is also open under remote arrangement for candidates from the Global South

About UNICC:
The United Nations International Computing Centre (UNICC) is the leading provider of Information Technology and Communications (ICT) services within the United Nations System. Over the last four decades, UNICC has been continually expanding the services it is providing to its Partners in various parts of the world, and various areas of ICT.

As a part of the UN family, UNICC espouses the same values that the UN embraces. As a service provider, its core values are unmatched and underlie its continued growth: Respect, Curiosity, Pride, Passion, Flexibility, Honesty and Transparency. This combination has made UNICC the preferred provider of shared ICT services within the United Nations System.

UNICC is committed to delivering reliable ICT services driven by best practices. With its world-class technology and state-of-the-art infrastructure, together with the vast cross-domain experience of its very knowledgeable staff, UNICC is always ready to offer UN-friendly shared solutions to the United Nations System of Organizations.

Purpose of the Position:
The objective of the Centre is to provide trusted ICT services and digital business solutions to its Clients and Partner Organizations.

UNICC is looking for an intern with a Cloud Data Engineer profile to help designing and delivering data solutions, mainly collecting data from Microsoft Office 365 to be fed into SQL data models and Power BI dashboards.

Responsibilities:

- Work in collaboration with the current Microsoft 365 Power BI dashboard team and its associated data model
- Support and work with the Digital Workplace Service Unit (OPDM) team leads to understand the business needs and support the design/implementation of the required technical data management solutions
- Implement O365 data extraction processes
- Support the OPD section in extracting data and building dashboard on Cloud Carbon Footprint
- Perform other duties if required

Competencies:

- **Overall attitude at work**: Maintains integrity and takes a clear ethical approach and stance; demonstrates commitment to the Organization's mandate and promotes the values of the Organization in daily work and

behavior; is accountable for work carried out in line with own role and responsibilities; is respectful towards, and trusted by, colleagues and counterparts.

- **Communication**: Expresses oneself clearly in conversation and interaction with others; actively listens. Produces effective written communications. Ensures that information is shared.
- **Teamwork**: Develops and promotes effective relationships with colleagues and team members. Deals constructively with conflicts.
- **Respecting and promoting individual and cultural differences**: Demonstrates ability to work constructively with people with different backgrounds and orientations. Respects differences and ensures that all can contribute.
- **Knowing and managing yourself**: Manages ambiguity and pressure in a self-reflective way. Uses criticism as a development opportunity. Seeks opportunities for continuous learning and professional growth.
- **Producing results**: Produces and delivers quality results. Is action oriented and committed to achieving outcomes.

Education:

To qualify for this internship, applicants must be currently enrolled in a university programme (final year of a master's degree or equivalent) specializing in Computer Science, Telecommunications or related areas, or must have graduated in the last 6 months.

Work Experience:

Applicants are not required to have professional work experience to participate in the UNICC's internship program, but applicants should have the following functional and technical skills:

Required:
- Object-oriented programming (OOP) and/or scripting knowledge, preferably in one or more of the following languages: C++, Java, C#, Python, Ruby, Bash, PowerShell
- Knowledge of SQL
- Knowledge of GraphQL or REST API
- Knowledge of data ingestion methods and data pipelines
- Familiarity with data solution design and implementation processes
- Customer-centric approach to delivery and problem-solving skills
- Familiarity working with virtual teams and environments

Desirable:
- Knowledge of Microsoft Office 365
- Knowledge of Microsoft Graph API
- Knowledge of Microsoft Azure

Language(s):
Fluency in English is required (verbal and written)