TERMS OF REFERENCE

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

Reference: ICC/24/MUL/i05
Position Title: Intern – Junior Data Scientist
Number of Position(s): 1
Section/Unit: Artificial Intelligence and Machine Learning Unit (DDAI)
Internship Duration: 6 months
Target Start Date: 1 June 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:
UNICC is offering opportunities for students to acquire practical and direct exposure in different areas of Data Science, Data Analytics and Data Engineering. In this role, the incumbent will experience how data science problems are being tackled and what methodologies are being used, and will have the chance to add their own entries to the list. The incumbent will work on a variety of challenging problems from building UN partners Enterprise data infrastructure, to implementing public and private cloud-based solutions, to providing seamless, on-demand scaling of enterprise applications.

Responsibilities:

- Collecting and compiling data from various sources.
- Cleaning and preprocessing data to ensure accuracy and consistency.
- Performing exploratory data analysis to identify patterns, correlations, and insights.
- Assisting in the development and implementation of machine learning models.
- Evaluating and refining models to improve performance and accuracy.
- Collaborating with cross-functional teams to understand data requirements and objectives.
- Communicating findings and recommendations to stakeholders and team members effectively.
- Documenting data collection, analysis, and model development processes.

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 behaviour; 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.
- **Moving forward in a changing environment**: Is open to and proposes new approaches and ideas. Adapts and responds positively to change.
- **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.

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 areas that are relevant to UNICC's line of business such as Computer Science, Data Science, Telecommunications or related area, 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 basic skills in one or more of the following functional and technical areas:
- Familiarity in the Data & Analytics area, including proven courses completed in:
    - Data Visualization
    - Python or Java development
    - SQL
    - Cloud platforms such as AWS, Data Bricks, Azure or Google cloud services
- Hands-on experience or project with data cleaning, visualization, and reporting
- Ability to analyze and understand technical aspects of a project
- Ability to generate concrete business results through the identification of data based insights
- Ability to understand complex technical concepts and present them in simple terms to technical and nontechnical team members and clients.
- Key problem-solving skills in developing communication strategies and actions
- Ability to communicate effectively, persuasively and with clarity

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