TERMS OF REFERENCE
Internship Opportunities at the International Computing Centre (ICC)

Reference: ICC/16/GVA/i001
Position Title: Intern
Number of Position: Two interns throughout 2016
Section/Unit: OPI/Unified Infrastructure Unit
Internship Duration: Maximum of six months per intern, but flexible based on university's internship cycle
Target Start Date: Throughout 2016
Duty Station: Geneva, Switzerland

About the ICC

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

As a part of the UN family, ICC espouses the same values that the UN embraces. As a service provider, its core values are unmatched and underlie its continued growth: trust, customer-focus, accountability, understanding cross-cultural differences, excellence, innovation and teamwork. This combination has made ICC the preferred provider of shared ICT services within the United Nations System.

ICC 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, ICC is always ready to offer UN-friendly shared solutions to the United Nations System of Organizations.

Purpose of the Position

The ICC is offering opportunities for students undertaking a Master's degree program in Information Technology to acquire practical and direct exposure in networking and telecommunications technologies.

Organizational Setting and Reporting:

Interns work five days per week (40 hours) under the supervision of a staff member in the Unified Infrastructure Unit (OPII)

Responsibilities:

1. Assist and participate in the Unified Infrastructure Unit (OPII) projects, particularly in the One ICTbox deployment for ICC's partners.
2. Under the guidance of a Network Engineer, perform some hands-on network configuration
3. At the end of the assignment, the Intern is required to write a short report on his/her Internship experience

Competencies

- Communication:
  - Speaks and writes clearly and effectively
  - Listens to others, correctly interprets messages from others, or asks questionsto clarify, and responds appropriately
- Teamwork:
  - Solicits input by genuinely valuing others' ideas and expertise; is willing to learn from others
  - Places team agenda before personal agenda
- Planning & Organizing:
  - Allocates appropriate amount of time and resources for completing work
  - Monitors and adjusts plans and actions as necessary
  - Uses time efficiently

Education

To qualify for this internship, applicants must be one of the following:

• Enrolled in a graduate school programme (second university degree or equivalent) in computer, or information science, mathematics, of other related fields.
• Enrolled in the final year of his/her undergraduate degree (first university degree) in computer, or information science, mathematics, of other related fields.

Work Experience

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

1. Basic technical knowledge of TCP/IP networking and protocols
2. Basic technical knowledge of Cisco routers and switches commands
3. Basic knowledge of Linux OS
4. Basic experience with Python, Bash or TCL scripting.
5. Basic knowledge of common network services and protocols - like HTTP, DNS, NTP, SYSLOG, SIP.
6. Ability to use Microsoft office applications (Word, Excel, Visio)
7. Good written and oral communications skills with ability to prepare technical documentation.
8. Excellent interactive and interpersonal skills and the ability to work in a multicultural environment

Language:

Fluency in English is required. (verbal and written)