Cloud-native Telecommunication Networks Technical Office is a leading laboratory at Sharif University in the area of emerging mobile network technologies towards 5G, conducting pioneer projects on the deployment and verifications of prominent telecommunication network functionalities to provide novel service-driven cloud-native solutions for telecom customers.

We are seeking highly-qualified and motivated B.Sc. or M.Sc. Electrical and/or Computer engineering students having teamwork skills.

Requirements
- **Familiarity with Linux-based operating systems**
  The volunteers should be able to work with Linux-based operating systems, specifically Ubuntu as well as Linux shell and its networking commands. They should also know how to write *shell scripts* and apply them. Your experience with Linux *kernel* highly impacts our evaluation.
- **Expertise in at least one of the following programming languages**
    - C++
      Including mastery in working with C++ data structures and system libraries
    - Python
      Including familiarity with RESTFul systems, MongoDB handlers, and Qt
    - Java for Android
      Including understanding of how Android operates, socket programming, HTTPS libraries, and interface design
- **Familiarity with the operating systems concepts**
  The volunteers should have basic familiarity with general operating systems operations, system calls, *multi-threading* mechanisms, and network functionalities. Passing an operating systems course is not required but *suggested*.
- **Expertise in using git and version control systems**

Contact
Interested applicants must send their CV to **info@cloudnet.sharif.edu**.

http://cloudnet.sharif.ir