Position: Project Management Student

Term: Winter 2020 (January 6, 2020 – April 24, 2020)

About Us:

CENGN, Canada's Centre of Excellence in Next Generation Networks, drives technology innovation and industry growth through our test bed, technical expertise, talent development, and partner ecosystem.

CENGN's ecosystem includes top of industry businesses, including members Bell Canada, Cisco, EXFO, Huawei, Invest Ottawa, Juniper Networks, Mitel, Nokia, Ribbon Communications, Rogers, TELUS, and Wind River. CENGN also partners with the federal government through the Networks of Centres of Excellence (NCE) and the Ontario government through the Ontario Centres of Excellence (OCE).

Our members and partners are a crucial part of CENGN's operation, providing us with the technologies needed to execute projects, and the necessary funding to enable our service offerings to Canadian small and medium enterprises (SMEs).

By providing Canadian SMEs with the infrastructure and expertise required to test their products, these growing businesses can overcome commercialization barriers. CENGN provides SMEs with full support of the development, solidification, and exposure of their test projects.

CENGN also develops talent through co-op and internship opportunities as well as training offerings. Approximately 40 students complete internships annually to strengthen their knowledge and understanding of their position by tackling new and exciting challenges.

What We offer:

- An environment providing flexible working hours and location
- The gain of working with cutting edge and relevant technology
- The opportunity to work in our state of the art physical and virtual multi-vendor, test, certification and validation platform, which provides a unique environment to commercialize advanced products, applications and services
- The experience of developing and deploying wired and wireless technologies that are utilized by applications such as cloud, wireless 5G, autonomous vehicles, broadband Internet and cybersecurity
- An environment providing flexibility of working hours and location
- The reward of contributing to the Canadian ICT sector and helping to stimulate economic development
- The benefit of a small company in a modern setting with opportunities for growth
- The ability to work on real and impactful work that contributes directly to the company's success
- The freedom to share and execute your own ideas that are nurtured and encouraged
- The advantage of working with other students, full-time staff, and our executives who are all passionate about their individual contributions to CENGN
- Work in a consortium organization gaining exposure to the most innovative small business as well as the most well established telecom companies in Canada and the world

For more information, visit www.cengn.ca

The Opportunity:

We are seeking a highly skilled and motivated individual for CENGN's Project Management team for a 4-month Co-op term. As a student, you will be reporting to the Project Management Team Lead, and will play an important role by managing the delivery and coordination of all CENGN projects.

Check out some of CENGN's completed projects here http://www.cengn.ca/service-view/past-projects/

You will start your term at CENGN by going through our boot camp to gain hands-on experience with the latest cloud technologies like OpenStack, Docker and Kubernetes, as well as next generation networking technologies such as Network Function Virtualization (NFV), and general professional and collaboration skills. Upon completion of the boot camp, students will attempt the CENGN Cloud System Specialist certification.

For more information about our boot camp, visit https://www.cengn.ca/cloud-system-specialist-certification/

You will have the opportunity to learn from seasoned industry professionals while also working with other students/interns and new graduates. In this role, you will collaborate with the Project Management team and CENGN's technical teams to contribute to our projects and services. You'll assist by evaluating software add-ons and developing workflows to optimize processes. At the completion of the term, you will be able to recommend best practices for new process proposals and models.

Key Responsibilities:

Due to the rapid evolution of the emerging network technologies for which CENGN is in the forefront; the Project Management student plays an important role in defining and delivering CENGN's services, which will continue to evolve. The candidate will be challenged with the following:

- Assisting in managing the delivery of CENGN projects
- Evaluating add-ons and develop workflows using Atlassian toolset (JIRA & Confluence)
- Researching best practices for new process proposals and models
- Coordinating with other departments at CENGN during the execution on projects
- Reporting any advancements or delays in tasks to the Project Management team
- Working on multiple tasks simultaneously

Key Competencies/Qualifications:

Mandatory

- Excellent interpersonal skills to work with internal and external team members
- Excellent written and verbal presentation skills
- Business savvy to collaborate with external customers
- Attention to detail is a must
- Strong team orientation; work collaboratively with others and management to resolve problems, and make decisions that enhance organizational effectiveness
- Ability to adapt to changes and flexibility to adopt the right tools and methodologies in a dynamic working environment
- Experience in Project Management or leadership in any industry

Desirable

- Versatile in the use of Atlassian tool set including Confluence and JIRA is highly desirable
- Demonstrated expertise or experience working in at least a few of the following technologies is desirable:
    - Data Center and Cloud Computing
    - Internet Architecture (access, aggregation, core, border, CDN)
    - Optical Transport Networks

- - Software Defined Network/Network Function Virtualization
  - Mobile cell site, backhaul, service gateway, core IMS
  - Carrier VPN & Carrier Ethernet related technologies
  - Enterprise core, campus and branch networks

Education:

- Post-secondary term in Software Engineering, Computer Science, Engineering, IT or related discipline

Eligibility

Students who are enrolled or have graduated from post-secondary institution programs which provide the relevant background and aptitude to work and enhance their skills as per the requirements of CENGN's listed student postings will qualify for internships under this program.

- Students can be at the undergraduate level (current students) or graduate level (current masters and PhD students), or they may be recent undergraduate and master graduates within three years of graduation from an Ontario-based post-secondary institution
- The student must be eligible to work in Ontario and have employee status at the company for the duration of the internship (Canadian citizen, permanent resident, or on a work/student visa)
- The student may not apply with a company where there is any conflict of interest, including, but not limited to, a company where the student or relatives have any control as a major creditor or shareholder or governing board
- As a condition of employment and in accordance to CENGN's Code of Conduct Policy, all students must maintain a clean criminal record. CENGN engages a third party provider to verify student backgrounds prior to the start of the internship

Languages:

- English oral, reading and writing
- Competency in any other language could be considered an asset

Interested and qualified candidates are invited to forward their resume in confidence to CENGN by email to **student-hr@cengn.ca**. Please use " **Project Management Student**" as the subject line.

CENGN reserves the right to remove this posting prior to the application deadline. CENGN thanks all applicants for their interest, however, only those selected for an interview will be acknowledged. CENGN is an equal opportunity employer.