

Job description

CANADA EXCELLENCE RESEARCH CHAIR

IT Technician/ Programmer

NextGenCities Laboratory

Note: This posting represents a full-time, two-year contract

The Canada Excellence Research Chair for Smart, Sustainable and Resilient Cities and Communities invites applicants for a Technician / Programmer / IT Support hard-and software to support the setting up of a Next Generation Cities Living Laboratory.

Scope

Reporting to the Canada Excellence Research Chair, the incumbent possesses strong programming skills. He / she will be responsible for software platform versioning control, organization of server infrastructure, communication protocol implementation, visualization screen control, software development infrastructure provisioning, set-up and operation of energy management and sensor networks and others.

Primary responsibilities

- Design and purchase support of software, hardware and server infrastructure, set-up, maintenance and operation
- Maintain and set-up software development infrastructure
- Provide data management platform support, communication interface programming and set up for energy management tasks and access to sensor networks
- Provide advice and technical support for visualization wall and virtual reality applications
- Oversee IoT smart appliance communication and renewable energy system data access
- Work cooperatively with others to meet the changing requirements within the Department and Faculty.

Requirements

- Diploma of Collegial Studies (3 year technical DEC) in a field related to the primary responsibilities or a certificate of completion in software engineering or information technology or other related technical program and three years of relevant experience.

- Prior work experience in software engineering laboratories an asset.
- Ability to solve complex technical problems and interpret and correct engineering drawings.
- Understanding of engineering terminology, laboratory processes, and typical equipment; ability to use technical laboratory equipment.
- Experience in software engineering design and fabrication processes to demonstrate possession of the knowledge and abilities required.
- Good knowledge (Level 4) of spoken and written English to assist and instruct students; basic knowledge (Level 3) of spoken French is an asset.
- Good knowledge (Intermediate level) of Excel to create spreadsheets, basic knowledge of Word to format documents and experience using email (Microsoft Outlook).
- Good organizational skills.
- Good knowledge of laboratory health and safety regulations.
- Ability to work flexible hours, evenings and the occasional weekend.

Interested applicants must submit curriculum vitae with a covering letter to Ursula Eicker at Ursula.eicker@concordia.ca

Concordia University is committed to Employment Equity and encourages applications from women, Aboriginal Peoples, visible minorities, ethnic minorities, and persons with disabilities.