JOB DESCRIPTION

<table>
<thead>
<tr>
<th>POSITION TITLE:</th>
<th>Teaching &amp; Research Librarian - Engineering and Computer Science</th>
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<tr>
<td>DEPARTMENT:</td>
<td>Library</td>
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<tr>
<td>BARGAINING UNIT:</td>
<td>CUFA</td>
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<td>STATUS:</td>
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GENERAL DESCRIPTION:

The Teaching & Research Librarian – Engineering and Computer Science, is a member of the Library’s professional team, reporting to the Associate University Librarian, Research & Graduate Studies.

The incumbent provides support for teaching, learning and research activities in engineering and computer science in order to enable and facilitate exploration, knowledge creation, and learning. The incumbent develops and implements initiatives to support the use of digital tools for research and teaching, and to provide research data support.

The incumbent contributes substantively to a variety of Library and University strategic initiatives and projects, through committees, working groups, and project teams.

RESPONSIBILITIES:

Continually develops knowledge of information resources and acts as a liaison within engineering and computer science and a resource person for librarians, staff, faculty, and both undergraduate and graduate students.

Provides research help and consultations regarding the discovery and use of information resources generally, and within engineering and computer science.

Continually develops knowledge of teaching and learning practices in higher education generally, and in the disciplinary context of engineering and computer science.

Prepares and delivers curricular and co-curricular instruction for classroom, library and online learning environments.

Develops a thorough familiarity with all aspects of the research life cycle within engineering and computer science including research methods, digital tools, scholarly communication and research data management.
Advises and collaborates with faculty, students and colleagues to facilitate research activities, digital scholarship, data management and scholarly outputs in engineering and computer science.

Develops and manages digital and print collections in engineering and computer science.

Participates in collection evaluation, development and management, in consultation with faculty, librarians, and the Associate University Librarian, Collection Services.

Participates on committees, working groups and project teams to contribute to the development of Library and University strategic initiatives and projects.

Contributes to local, regional and national initiatives and projects.

Performs other duties and tasks as assigned.

QUALIFICATIONS:

Professional expertise

A graduate degree from a library school accredited by the American Library Association, or approved equivalent education and training acceptable for membership in the Corporation of Professional Librarians of Québec.

An undergraduate degree and/or graduate degree in engineering or computer science or in a related discipline is an asset.

Knowledge of information resources and sources within engineering and computer science.

Knowledge of the research lifecycles within engineering and computer science.

Demonstrated ability to develop and deliver effective instructional activities.

Knowledge of scholarly communication models and practices including open access, institutional repositories, and research data management.

Knowledge of research communication and collaboration tools as well as digital scholarship tools (such as data visualization, data mining, statistical analysis, technologies used in artificial intelligence or machine learning, etc.) and the ability to advise on their value and use.

Knowledge of collections development and management issues, concepts and methods in academic libraries.

Familiarity with trends, practices and technologies for academic library services.

General Competencies

Demonstrated ability to develop successful partnerships and relationships with faculty and researchers.
Demonstrated project management skills and ability to handle multiple priorities and tasks as well as projects.

Strong motivation, aptitude and interest to establish student and faculty success as the centre of their professional practice.

Ability to work both independently and collaboratively, share expertise, work in teams and negotiate solutions with diverse groups.

Excellent communication skills. Strong analytical and creative problem-solving skills.

Curiosity, drive and flexibility so as to discover and try new things, in support of Library and University strategic directions.

Oral and written fluency in English is essential. Oral fluency in French and basic written French are assets.