AcademicKeys
UNLOCKING ACADEMIC CAREERS

Professor in Distributed Systems
École de technologie supérieure

Direct Link: https://www.AcademicKeys.com/r?job=243062
Downloaded On: Aug. 21, 2024 8:28pm
Posted Aug. 13, 2024, set to expire Oct. 13, 2024

Job Title	Professor in Distributed Systems
Department	Software and Information Technology Engineering Departement https://www.etsmtl.ca/etudier-a-lets/departements/departement-genie-logiciel-ti
Institution	École de technologie supérieure Montréal, Quebec
Date Posted	Aug. 13, 2024
Application Deadline	Oct. 13, 2024
Position Start Date	Available immediately
Job Categories	Professor
Academic Field(s)	Computer Engineering Computer Science Engineering - Other
Job Website	https://www.etsmtl.ca/
Apply Online Here	https://tre.tbe.taleo.net/tre01/ats/careers/v2/viewRequisition?org=ETS&cws=43&rid=3277
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Job Description

L'École de technologie supérieur (ÉTS) is a rapidly evolving university in engineering and technology located in downtown Montreal. ÉTS offers undergraduate and graduate programs focused on applied engineering as well as state-of-the-art research infrastructure. ÉTS is also home to the Centech, a business incubator, offering support services for researchers wishing to commercialize their research.

By joining l'ÉTS, you will be joining a team of highly active professors and researchers in the school's various research chairs, labs, institutes and groups. Your work will make a tangible contribution to scientific progress and the development of Quebec's productivity and competitiveness, as well as the training of a highly qualified workforce.

What we offer :

- A start-up and an equipment fund to support your scientific career
- Financial support for research and teaching (supervision of student's recognition, teaching credits, correction help, etc.)
- A personalized onboarding process
- A structure to promote your research as well as networking activities to make yourself known and help you recruit students.
- A work environment favorable to your career development, for both research and teaching.
- A mentor program for all faculty members offered at your arrival and throughout your career.
- Support for the immigration process and a relocation program for your family
- A full-course program to learn French.

Our Software and Information Technology Engineering Department

The Department of Software Engineering and Information Technology at ÉTS is recruiting a professor with a specialization in **distributed systems**. The research and teaching activities of the candidate will join those already in place and will allow the development of new research and teaching axes within the Department of Software and IT Engineering.

Job description

We are looking for candidates in the field of distributed systems. Specifically, we are interested in, but not limited to, the following areas:

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- Security in distributed systems (cryptography, digital identity, security standards, trusted execution environment (TEE), etc)
- Distributed paradigms for data processing and data storage (large scale databases for Big Data, distributed stream processing, event-driven models, virtualization and containers, functions as a service, block storage, etc.)
- Decentralized systems and applications, distributed ledger and blockchain technologies, middleware, internet of things, edge and fog computing, cloud computing,
- Dependability, fault tolerance, HPC, parallel programming
- Web systems, microservices architecture and concurrent programming languages
- frugal computing and Green IT
- DevOps (ops aspects: deployment, telemetry, production testing)

Working as part of a dynamic research team, the incumbent will assume the following responsibilities:

- Teach at all three university levels in fields related toone or more of the above areas
- Supervise graduate and post-graduate students;
- Submit applications for financing and grants, primarily from Québec, Canadian or international government bodies, industrial organizations, municipalities and foundations;
- Conduct subsidized or contract-based research projects in partnership with industry and workplaces;
- Develop research programs;
- Publish scientific articles.

Requirements

- Hold a Doctorate (PhD) in Engineering (software, computer science, electrical or equivalent);
- Be a member of the *Ordre des ingénieurs du Québec* (OIQ) or be eligible to join the OIQ and undertake the necessary steps to become a member before submitting an application for full professorship;
- Have experience in conducting research in collaboration with industry or solid experience in industrial R&D;
- Demonstrate excellent skills related to training highly-qualified personnel through research projects and teaching;
- Be proficient in French (oral and written), in compliance with the ÉTS Language Policy (in French), or demonstrate a willingness to learn French and enter into a francization process with the support of ÉTS.

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Start date ?

Depending on the candidate's availability

Submitting an application

All applications will be processed in strict confidentiality.

ÉTS will take into account any leaves that may result in career interruptions or delays. Therefore, we encourage you to mention any such leave that may have affected your professional path. We will take this information into consideration when evaluating your application.

In case of a disability, we may offer accommodation measures during the hiring process.

Interested candidates are invited to submit their application **before 5:00 p.m. (EST) on October 13, 2024**.

Each application must include the information indicated below in a **single PDF document, in the following order**:

- An automated (dynamic) Table of Contents;
- A cover letter;
- Your curriculum vitae;
- A statement of your teaching objectives;
- Your research plan, including an indication of how your work complements the areas of research targeted by a department or research group at ÉTS;
- A sample of your research achievements (e.g.: recent scientific articles).

If you require more information, please contact?**bap-candidatures@etsmtl.ca**. Only those candidates who are retained for an interview will be contacted.

Compensation

This is a tenure-track position. The process and benefits will be determined in accordance with the applicable collective agreement convention collective de l'Association des professeurs de l'ÉTS

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(APÉTS) .

Immigration requirements

In compliance with the immigration requirements in effect in Canada, ÉTS invites all qualified individuals to apply. However, priority will be given to Canadian citizens and permanent residents. When submitting an application, it is important to indicate whether you are able to work in Canada, so that the applicable immigration procedures can be planned accordingly.

EEO/AA Policy

ÉTS is actively implementing its Equal Opportunity Program, inviting applications from women, Indigenous, visible and ethnic minorities and people with disabilities. Valuing inclusion, we are committed to overcoming the barriers faced by people with disabilities in the workplace. We offer accessibility measures and are ready to provide assistance during the pre-selection and selection process to candidates who so wish. We encourage equity, diversity and inclusion, and consider these values to be fundamental to our working environment. We are taking concrete steps to increase diversity within our work teams. To this end, we ask you to identify yourself so that we can take this into account throughout the selection process. To do so, please complete the Equal Employment Opportunity form and send it to us with your curriculum vitae. The candidate must have the right or permission to work in Canada from the start of the assignment, and for the entire duration of the assignment.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

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Canada

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