Open Positions at Concordia University, Montreal, QC, Canada

Dr. Jun Yan at the Concordia Institute for Information Systems Engineering (CIISE) is seeking applications for multiple positions for PhD/Master students and other eligible candidates. The intended areas include cyber-physical system security, applied computational intelligence, and data-driven analytics. Successful applicants will have the opportunity to work on cutting-edge research topics in smart infrastructures, cyber-physical security, big data analytics, and self-adaptive systems.

Financial support will be offered to self-motivated students with a strong research background and capability in the related areas. Currently, the intended starting dates are Summer/Fall 2019 and Winter 2020, based on the date of application.

Research topics:
1. Cyber-physical security in smart infrastructures
2. Data-driven event, behavioral, and causal analytics
3. Applied and adversarial machine learning in the Internet-of-Things
4. Cyber-physical system interoperability and resiliency

Requirements:
- A Master’s degree in electrical, computer, information, or related engineering programs is preferred. Outstanding undergraduates may also be considered for the Master’s program;
- Strong engineering/mathematics background; proficient in modeling, simulation, and data analysis; skillful in a programming language, such as MATLAB or Python;
- Research experience/publications in smart grid, computational intelligence, power systems, cyber-physical systems, adaptive control, and machine learning are strongly preferred;
- Proficient in English: IELTS 6.5, or TOEFL 85+ with at least 20 in each component.

For other positions:
- Positions for summer internships, joint PhD students, and visiting scholars may also be available subject to candidate eligibility and funding availability. Interested applicants may inquire through email for further discussions.

Further information regarding the institute and the professor can be found the CIISE official website and the professor’s homepage, respectively. Interested students and scholars are encouraged to contact Prof. Jun Yan by email prior to application. In the email, please attach your transcripts, iBT/IELTS score, GRE score (if applicable), and most recent CV.

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