<u>This job is posted in accordance with the CUPE 3902 Unit 1 Collective Agreement.</u>

Job Posting Date: April 8, 2021

Application Deadline: April 29, 2021

Position: Co-Course Lecturer for Foundations of Data Analytics and Machine Learning
                         1 position (12 weeks)

Estimated Enrolment: Approximately 60 students

Class schedule: Timetable to be determined

Sessional date of appointment: Summer Session, May - Aug 2021

Estimated TA support: TBA

Salary: Minimum level of pay is minimum $8,219 which includes vacation pay and may increase depending on applicant's level of experience and suitability for the position.

Qualifications: Applicants must have experience in the use of artificial intelligence and machine learning in engineering. The applicant must have advanced Python programming skills and advanced knowledge of probability and statistics, matrix representations and fundamental linear algebra operations. In addition, the applicant must be familiar with basic algorithms and data structures, discrete math and continuous optimization (gradient descent and variants, convexity). The applicant must have experience in teaching mathematics or coding at the undergraduate or graduate levels. The applicant must be able to lecture in a clear voice, and explain concepts clearly. Must be able to deliver course online and have experience teaching similar topics.

Brief description of duties:
Delivers lectures for online delivery, prepare midterm quiz, final quiz, attend Q and A sessions, answer student questions, over see project updates and marking (with TAs)

Date of Appointment: May 2021

Notes:
1. The Vice-Dean of Graduate Studies in the Faculty of Applied Science & Engineering has the sole authority to offer the above position(s).
2. CUPE 3902 Unit 1 Collective Agreement is available at http://agreements.hrandequity.utoronto.ca.

To indicate interest in this position, please submit a cover letter and curriculum vitae as a single PDF file to gradstudies@engineering.utoronto.ca

<u>Deadline Date: April 29, 2021</u>

Please note that should rates stipulated in the collective agreement vary from rates stated in this posting, the rates stated in the collective agreement shall prevail. Please note that the above course/position is tentative, pending final course determination and enrolments. The Faculty's hiring policy is available in the Faculty office and at the CUPE, Local 3902 office. In accordance with the Employment Equity Policy, the University of Toronto encourages applications from qualified women and men, members of visible minorities, aboriginal peoples, and persons with disabilities