



**UNIVERSITY OF TORONTO
FACULTY OF APPLIED SCIENCE & ENGINEERING**

EMERGENCY TA Job Posting: Winter 2021 APS1070H - Foundations of Data Analytics and Machine Learning

This job is posted in accordance with the CUPE 3902 Unit 1 Collective Agreement.

Job Posting Date: November 11, 2020

Application Deadline: December 1, 2020

Course Description:

This course covers topics fundamental to data analytics and machine learning, including an introduction to Python and common packages, probability and statistics, matrix representations and fundamental linear algebra operations, basic algorithms and data structures and continuous optimization. The course is structured with both weekly lectures and tutorials/help sessions

This course will be delivered Online.

Head TA: 105 hours (1 position)

Duties:

The head APS1070 Teaching Assistant will offer project tutorials, participate in help sessions, update/create course materials, respond to student questions (emails and Q&A forum) and oversee marking.

Qualifications:

Must have the ability to clearly explain data science concepts and have a proficiency in Python. Must be creative, organized and capable of working independently. Must demonstrate strong leadership and have TA experience.

Must be able to be recorded on video if necessary, as part of online course delivery and support to students.

Tutor/Marker: 64 hours (2 positions)

Description:

APS1070 Tutor/Markers will tutor students in help sessions, respond to student questions (emails and Q&A forum) and mark course projects and other evaluations.

Qualifications:

Proficiency in Python and manipulating large datasets. Understanding of, and interest in, data science. Must be capable of working independently. Must have strong communication skills. Must be able to be recorded on video if necessary, as part of online course delivery and support to students.

Duties: APS1070 Tutor/Markers will tutor students in help sessions, respond to student questions (emails and Q&A forum) and mark course projects and other evaluations.

Both roles:

Tutorial Times for course – must be available for both times in order to apply.

Thursdays, 1-3pm

Rate of Pay: Current TA rates: U/G: \$46.24 /hour; SGS I: \$46.24 /hour; SGSII: \$46.24 /hour

Date of Appointment: January 4, 2020

Notes:

1. TA position and hours posted are tentative, pending final course determination and enrollment.
2. The Vice-Dean of Graduate Studies in the Faculty of Applied Science & Engineering has the sole authority to offer the above TA positions.
3. CUPE 3902 Unit 1 Collective Agreement is available at <http://agreements.hrandequity.utoronto.ca>.

To apply for a TA position, please indicate position you are applying in email subject and submit CV and resume as a single PDF to David Duong d.duong@utoronto.ca

Please also indicate which lab sections you are available to TA for by **December 1, 2020**

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