EMERGENCY TA Job Posting: 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 15, 2024
Application Deadline: November 28, 2024
Estimated course enrollment: ~150

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

Winter 2025 Positions:

Offered in Winter 2025: Jan 10 – April 4
Lec01: Friday 9:00-10:30 in BA1190 and 2-330pm in GB119
Lec02: Friday 10:30-12:00 in BA1190 and 330pm-5pm in GB119

Tut01:Fridays 11am-1pm in SUB120
Tut02: Fridays 5-7pm in GB120

Marker Tutor Position – 4 positions (81 hours per TA)

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.

Minimum Qualifications:

TA experience as a tutor/marker. This TA position requires in-person availability on campus on Fridays 11am-1pm and 5-7pm for tutorial periods

Preferred 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. TA experience in APS1070 an asset. This TA position requires in-person availability on campus on Fridays 11am-1pm and 5-7pm for tutorial periods.

Previous experience is the more relevant criterion than the need to acquire experience in respect of this posted position.

Date of Appointment: Jan 2 – April 15 2025

Rate of Pay: Current TA rates: U/G: $ 52.97/hour; SGS I: $52.97/hour; SGS II: $52.97/hour

For more information about this course, see
https://gradstudies.engineering.utoronto.ca/professional-degrees/emphasis-in-analytics/

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 submit your application via this form. If this link does not work please email your application (CV and Resume as a SINGLE PDF FILE) directly to David Duong d.duong@utoronto.ca by **Nov 28, 2024**

- *The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from racialized persons / persons of colour, women, Indigenous / Aboriginal People of North America, persons with disabilities, LGBTQ2S+ persons, and others who may contribute to the further diversification of ideas.*

- *Candidates who are members of Indigenous, Black, racialized and LGBTQ2S+ communities, persons with disabilities, and other equity seeking groups are encouraged to apply, and their lived experience shall be taken into consideration as applicable to the position.*

- *The University strives to be an equitable and inclusive community, and proactively seeks to increase diversity among its community members. Our values regarding equity and diversity are linked with our unwavering commitment to excellence in the pursuit of our academic mission. The University is committed to the principles of the Accessibility for Ontarians with Disabilities Act (AODA). As such, we strive to make our recruitment, assessment and selection processes as accessible as possible and provide accommodations as required for applicants with disabilities. If you require any accommodations at any point during the application and hiring process, please contact uoft.careers@utoronto.ca. During employment, to request accommodation from the University, contact the supervisor or department chair and/or Health & Wellbeing Programs & Services at hwb@utoronto.ca. For more information about accommodations at U of T, please visit our Accommodation webpage.*

- *Duties of this position shall be performed at the campus on which the position is located. Where the duties are intended to be performed at another location, such other location will be specified in the posting*.

- *"The hiring Criteria for Teaching Assistant positions are academic qualifications, the need to acquire experience, previous experience and previous satisfactory employment under the provisions of this Collective Agreement." OR "The hiring criteria for Course Instructors positions are academic qualifications, the need to acquire experience, previous teaching experience and previous satisfactory employment under the provisions of this Collective Agreement." (as applicable)*

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

- *Positions posted here are open to Graduate Students in the School of Graduate Studies, Postdoctoral Fellows and Undergraduate Students in the University of Toronto.*

- *FOR TA's ONLY: Preference in hiring shall be given to Graduate Students enrolled in the School of Graduate Studies of the University of Toronto or those who have made application to be enrolled in the School of Graduate Studies of the University of Toronto.*