



Department of Computer Science, downtown campus
Job Posting - Teaching Assistant Position – CUPE 3902, Unit 1
Winter 2026 term (January 1, 2026 – April 30, 2026)
(or up to May 8, 2026)

Posted on November 3, 2025 as a Regular Posting

The Department of Computer Science seeks ~3 TA(s) for the following course:

CSC490H1S – Capstone Design Project: Machine Learning Engineering

Visit link for course description: <https://artsci.calendar.utoronto.ca/course/csc490h1>

Specific course details:

With advancements in open source and commercial ML models, it is easier than ever to incorporate machine learning into digital applications. In this capstone course, you will learn best practices for training, deploying, testing and running ML models as part of a semester-long project. This course will incorporate lessons from across computer science disciplines that have shaped machine learning systems in their current forms. The course will focus heavily on open source and cloud computing with challenges replicating real world deployments.

Working in small groups, students will select a project and machine learning area and deliver an end-to-end application. Teams will work on a biweekly delivery cadence with milestones based on course content. The final class will feature a demo day to share your projects with industry leaders.

CSC490H1S Regular TAs

Qualifications

Must be enrolled in, or have completed, an undergraduate program in Computer Science.

- Experience working with application and machine learning (ML) infrastructure including Kubernetes, - Terraform, AWS/Azure/GCP
- Experience fine-tuning language models using frameworks such as Tensorflow, Pytorch, Transformers
- Experience serving large language models (LLMs) with frameworks like TGI/VLLM/SGLang
- Experience prompting LLMs for a variety of classification and generation tasks
- Experience building APIs in Python using frameworks like Django or FastAPI
- Experience deploying startup vs enterprise scale projects

Relevant Criterion

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

Duties

All duties are in-person unless otherwise indicated. TA duties may include leading tutorials, marking assignments, tests, and exams. TAs may advise students on their projects and help students with their assignments. Some TAs may be asked to answer student questions on the online course discussion board.

This course also requires all TAs to be available to mark the final exam in-person during regular business hours. The final exam date is determined by the Faculty of Arts & Science and may be scheduled between Apr. 9-29. The exam schedule is released in March 2025. Every effort will be made to schedule and complete the exam marking within 5 business days after the final exam date. TAs may be required to complete grading May 1-8, 2026 if the exam is scheduled during the last 7 days of the exam period.

Positions Available: 3

Hours of work: 60 hours

Estimated Course Enrolment: 60

Rate of Pay: \$53.92/hour (+ vacation pay)

Application Process

Apply online at: <https://tapp.cs.toronto.edu/#/external/postings/pGMcAWNd6KTQQ6nenxJ2VnC8>

In your application you will be asked to provide your CV. In addition you will be asked to provide a brief response to the following question(s) for CSC490H1S

The deadline to submit your application is **Friday November 21, 2025 by 11:59pm EST**. For more information, you may contact:

Patrina Seepersaud, Admin Staff
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<https://web.cs.toronto.edu/>
E-mail: tacoord@cs.toronto.edu

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.

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.

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 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.

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

The position(s) posted above is (are) tentative, pending final course determinations and enrolments.

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

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.