Department of Computer Science, downtown campus
Job Posting - Te*aching Assistant Position – CUPE 3902, Unit 1*
Fall 2025 term (September 1, 2025 – December 31, 2025
or up to January 9, 2026)

Posted on June 23, 2025 as a Regular Posting

The Department of Computer Science seeks ~9 TAs for the following course:

CSC373H1F – Algorithm Design, Analysis & Complexity

Visit link for course description: https://artsci.calendar.utoronto.ca/course/csc373h1

CSC373H1F: Regular TAs

Qualifications

Must be enrolled in, or have completed, an undergraduate program in Computer Science. Demonstrated expertise with standard algorithm design techniques (divide & conquer and greedy strategies, dynamic programming, network flow, linear programming, randomization, and worst-case approximation) and with the theory of NP-completeness. Demonstrated experience marking mathematical proofs. Must be comfortable with proofs of correctness, complexity analysis, and NP-hardness reductions. Please indicate your experience with tools such as MarkUs, CrowdMark, and Quercus in your application.

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. Duties may include marking assignments and tests, delivering tutorials, invigilating tests, monitoring the course forum and responding to questions, and conducting Q&A/review sessions.

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 Dec. 5-23. The exam schedule is released in November 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 January 5-9, 2026 if the exam is scheduled during the last few days of the exam period. The University is closed for the holiday break between December 24, 2025-January 4, 2026.

Positions Available: 8

Hours of work: 60 hours

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CSC373H1F-Lead: Lead TA

Qualifications

Must be enrolled in, or have completed, an undergraduate program in Computer Science. Demonstrated expertise with standard algorithm design techniques (divide & conquer and greedy strategies, dynamic programming, network flow, linear programming, randomization, and worst-case approximation) and with the theory of NP-completeness. Demonstrated expertise with mathematical proofs, especially proofs of correctness, complexity analysis, and NP-hardness reductions. Must have excellent communication skills. Must be meticulous and detail-oriented in writing mathematical solutions. Must have a good eye for judging problem difficulty. Must be comfortable using LaTeX. Please indicate your experience with tools such as MarkUs, CrowdMark, and Quercus in your application.

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. Duties may include assisting the instructor in preparing homework assignments, tutorials, and tests; writing solutions and marking schemes; meeting with the instructor and TAs; supervising the marking of student work; leading review sessions and office hours; monitoring the course forum and responding to questions; invigilating tests; some regular TA duties such as marking student work and leading tutorials.

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 Dec. 5-23. The exam schedule is released in November 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 January 5-9, 2026 if the exam is scheduled during the last few days of the exam period. The University is closed for the holiday break between December 24, 2025-January 4, 2026.

Positions Available: 1

Hours of work: 60 hours
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Estimated Course Enrolment: 250

Rate of Pay: $52.97/hour (+ vacation pay)

Application Process

Apply online at: https://tapp.cs.toronto.edu/hash/external/postings/G7AMXcXfoALSZ575eDHxrdLx

In your application you will be asked to provide a brief response to the following questions for CSC373H1F

- Based on the qualifications of this posting, please briefly describe how your academic history, and/or research and professional experience make you qualified for this position.

In your application you will be asked to provide a brief response to the following questions if you are applying for the CSC373H1F-Lead position:

- Do you have previous experience as a TA for this course at the Department of Computer Science, St. George campus?

- Please provide a brief statement of interest as to why you are interested in being the lead-TA for this course:

The deadline to submit your application is **Wednesday July 16, 2025 at 11:59pm EST.** For more information, you may contact:

Patrina Seepersaud, Admin Staff
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St. George Campus, University of Toronto
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.