

Summer Liberal Arts Institute (SLAI)

Computer Science Teaching Assistant PD

Position Title: Teaching Assistant (TA) for the Carleton SLAI Computer Science Program

Who Should Apply?

This position is open to current Carleton students in good standing with the College, including current seniors set to graduate in June 2023. The Computer Science Program is a three-week residential summer institute that gives rising juniors and seniors (and a small number of rising sophomores) in high school a chance to experience college level work in computer science. The Computer Science Program offers guided research groups; Teaching Assistants will assist one guided research group for the duration of SLAI. TAs will assist faculty with class activities, working closely with participants as they learn to identify and use systematic problem solving skills employed by computer scientists while completing a collaborative guided research project.

Position Schedule and Benefits:

- This position will run from July 5th - 28th as an hourly student work position. Programs begin on July 9th and any work the week prior will be decided by your faculty Director.
- The hourly pay rate will be \$12.00/hour.
- Due to the busy schedule of this position and the many different on-campus activities, Carleton room and board will be covered during your employment.
- The maximum weekly hours for this position will be 40, and the average hours will sit between 25-30.
- This is an in-person position, and most hours will fall between 8am - 5pm CST. Some evening work may be required, and the weekly time commitment will depend on the program faculty director.

Responsible to:

- Dave Musicant, Director, Computer Science Program
- Faculty Assigned
- Allie Lyman, Assistant Director, Summer Liberal Arts Institute

Qualifications and Requirements:

This position is open to current Carleton students in good standing. Both academic and conduct checks will be done to verify good standing.

- Applicants must have an interest in working with high school rising juniors and seniors, and possess the ability to help and mentor the students.
- Applicants should model appropriate behavior and time management skills.
- Applicants should have the ability to both work collaboratively with and take direction from program faculty.

Desired Qualifications:

- Prior experience in leadership or mentor positions with Middle or High School students.
- Completion of CS 201 (Data Structures) or the equivalent.
- Sophomore or higher standing at the time of application.
- A passion for Carleton's educational rigor and student life; interest in sharing personal experiences with pre-college students.
- Past experience at Camps, Pre-college programs, or similar leadership roles at Carleton.

Responsibilities:

This position primarily supports the academic success of high school students participating in pre-college programs by directly assisting a SLAI faculty instructor within a specific program.

Job responsibilities may include, but are not limited to:

- Reading all the assigned student materials
- Serving as a source of academic information for program participants
- Checking daily attendance
- Maintaining office hours for program participant support
- Creating and implementing lesson plans
- Running small group discussions
- Helping students navigate Carleton's learning resources
- Helping students with in-lab projects and assignments

All of our 2023 Pre-College Programs:

- **Applied Sustainability:** Global Conversations & Local Community Initiatives
- **Building Connections in STEM:** Genetics, Animal Behavior, & Geology
- **Computer Science:** Perceiving & Responding
- **Fundamentals of Neuroscience:** Brain Anatomy & Chemistry
- **Humanities:** Modes of Knowing, Sites of Encounter
- **Political Science:** Understanding Global Crises
- **Storytelling through Different Lenses:** Cognitive Psychology, Creative Writing, Music & More

Questions?

Thank you for considering the Teaching Assistant position. We are looking for a fun, driven, and excited summer staff. If you are interested in the position, please apply on our website and pay close attention to the application dates.

Priority review given to candidates who complete the application form by February 17, 2023. The application is available at www.carleton.edu/summer/employment/. In addition to completing this form, applicants must send in a copy of their transcript to the Summer Liberal Arts Institute Office. Transcripts will be reviewed by the program specific faculty director.

Any questions about this position should be directed to: Allie Lyman, ex: 4038, alyman@carleton.edu

For more information about the Summer Liberal Arts Institute visit our website at carleton.edu/summer