

√mathroots 2024

Residential Counselor - Job Description

Job Description:

√mathroots counselors are responsible for supporting all supplemental program activities including college visits, athletics, and creative workshops. Counselors assist in special events and field trips. Counselors are present in the dorms and at meals. Candidates must be kind, patient, enthusiastic, and reliable. This position is residential for a total of 16 days (1 for training and 15 for the program).

Dates:

- Move-in: June 27th, 2024
- Orientation (mandatory): June 27th, 2024
- Summer Program: June 28th - July 12th, 2024
- Location: MIT (undergraduate housing)

Compensation:

\$2,200 plus room, board, breakfast, and dinner

Duties & Responsibilities:

- Participate in staff orientation. Full participation is a condition of employment.
- Enforce √mathroots and MIT rules and regulations.
- Provide one-on-one personal/academic counseling support to students as needed.
- Help with student supervision and be highly visible to students and staff throughout the day.
- Assist in the supervision of field trips, cultural events and recreational activities.
- Chaperone students all day during two rest days.
- Monitor meals and engage students during meal time.
- Live and work on-site for the duration of the summer program and training.
- Carry out any other duties as assigned by the program's administrative staff.

Qualifications:

Matriculating college students or college graduates. Experience tutoring and/or working with students in a residential setting. Experience working with culturally diverse students, preferred.

Demonstrated sensitivity to the needs of high ability high school students from diverse backgrounds.

Demonstrated ability to coordinate student activities. Must be highly energetic. Most of all, a desire to serve. Open to all majors.

Program Description:

√mathroots is a math summer camp run by MIT PRIMES for gifted high school students of color from underrepresented backgrounds. Students will discover new mathematical ideas and learn problem solving skills through a series of classes, group activities, and invited lectures led by a team of instructors with diverse experiences teaching both research and competition math. It cannot be stressed enough that this position is a full-time commitment, your presence and time is required, which means that you cannot devote hours to lab work or research projects.

√mathroots will feature the following:

- Exposure to beautiful yet accessible ideas in mathematics
- Introduction to techniques and meaning of mathematical proof
- Creative problem solving on problems outside the standard curriculum
- A community of like-minded peers, mentors, and instructors
- Lots of laughs and good fun :)