

Robot Open Autonomous Racing (ROAR) Academy 2024 Application

Early Application Deadline: March 22, 2024

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Personal Information

1. Name*: (First, Last)
2. Grade:
 - a. What grade will you be entering in the Fall?
 - i. Entering Sophomore (10th)
 - ii. Entering Junior (11th)
 - iii. Entering Senior (12th)
3. Email:
4. Current School*:
5. School District*:
6. Address:
Street _____
City _____ State _____
Zip Code _____ Country _____
7. Parent/Guardian Name*: (First, Last)
8. Parent/Guardian Contact Information:
 - a. Phone #
 - b. Email

How did you hear about ROAR Academy?*

Financial Aid*

This section should be completed by a student with the help of a parent/guardian.

The camp fee is \$1,200, and an application fee is \$50. ROAR Academy awards full and partial scholarships based on financial need. However, financial aid is awarded based on need and

available funds. Full scholarships are automatically granted if you qualify for one of the following programs:

- Free or reduced lunch at school
- CalFresh
- Medi-Cal

If your family cannot afford camp but does not qualify for one of the above programs, you may still be eligible for a full or partial scholarship.

To be considered for a scholarship, please email hc_kuan@berkeley.edu to request a scholarship review. While ROAR Academy does not request documentation of a family's financial need when an application is submitted, ROAR Academy reserves the right to request this documentation during the application review process.

1. Do you need or qualify for fellowship aid?

Financial need is demonstrated by qualifying for one of the following programs:

- YES (if accepted, I will receive a scholarship and the program will be FREE)
 - NO, but we have emailed hc_kuan@berkeley.edu requesting a scholarship review
 - NO (if accepted, my family will pay the \$1,200 and \$50 fee)
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Applicant Questionnaire

Kindly invest the time to provide thoughtful responses to the following short-response questions. Your answers will be carefully assessed as part of your application evaluation. (Please limit your responses to 350 words)

1. What session works best?
 - a. Session 1: July 8 - July 13, July 15 - July 19
 - b. Session 2: July 22 - July 26, July 29 - Aug 2
 2. What session would be your second option?
 - a. Session 1: July 8 - July 13, July 15 - July 19
 - b. Session 2: July 22 - July 26, July 29 - Aug 2
 3. Have you ever participated in engineering or science programs (e.g., after school programs, clubs, weekend workshops, summer camps, etc.)? If so, please describe these programs below.
 4. Why are you interested in ROAR Academy?
 5. Describe your level of programming skills? How would you like to use your programming skills in the future?
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Free Response Questions

Kindly invest the time to provide thoughtful responses to the following questions. Your answers will be carefully assessed as part of your application evaluation.

1. A large part of engineering is designing or creating something that solves a problem. Tell us about a time when you designed or created something to solve a problem.
 - a. What was the problem?
 - b. What did you design or create to solve the problem?
 - c. What was the most challenging and rewarding part?
 - d. If you were to solve this problem again, would you do anything differently? If so, what would you change and why?
 2. Advances in modern technologies are for the most part the result of teamwork and open-source culture. In the Berkeley ROAR competition you would participate by the end of the Academy, we also encourage you to work as teams and in this process find a group of other talented classmates you may call friends in your future careers. Please describe how you would approach teamwork and your past best experiences working as a team to accomplish a common cause.
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Unofficial Transcript and Application Fee

Unofficial Transcript*

- File Upload (50MB limit)

Application Fee

\$50.00
