Robot Open Autonomous Racing (ROAR) Academy 2025 Application

Early Application Deadline: March 21, 2025

1. **Personal Information**
2. **Financial Aid**
3. **Applicant Questionnaire**
4. **Free Response Questions**
5. **Unofficial Transcript and Application Fee**

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. Student Email: _____

4. Current School:_____

5. School District:_____

6. Address: _____

7. Parent Name:_____

8. Parent Email: _____

9. How did you hear about us:_____

Financial Aid

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

The camp fee is $1200, 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 application. 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 financial aid?
    a. YES (if accepted, I will receive a scholarship and the program will be FREE)
    b. No, but I have emailed hc_kuan@berkeley.edu requesting a scholarship review
    c. NO (if accepted, my family will pay the $1200 tuition and $50 application fee)

For 2025, those affected by the LA fires will also qualify for full scholarships.

Applicant Questionnaire

1. What session works best?
    a. Session 1: July 7 – July 11, July 14 – July 18
    b. Session 2: July 21 – 25, July 28 – Aug 1
2. What session would be your second option?
    a. Session 1: July 7 – July 11, July 14 – July 18
    b. Session 2: July 21 – 25, July 28 – Aug 1

Please limit responses to 350 words.

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 python programming skills? Describe how do you set up your python programming environment (Kaggle, an IDE, Jupyter notebook?)

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. (Please limit your responses to 800 words)

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.

Unofficial Transcript and Application Fee

Please make sure it shows all high school grades through your current year.

Application Fee: $50

The program admin will send you a secure payment link to register and pay once they review for a complete application.

SUBMIT