



ROAR ACADEMY

UC Berkeley High School Summer Academy: Python Programming and Autonomous Driving Algorithms

The Vive Center's Robot Open Autonomous Racing (ROAR) [Academy Summer program](#) is a rigorous, intensive two-week online summer program for advanced high school students interested in learning about Python programming and introductory autonomous driving algorithms.

The goals of the academy are to support high school students in their exploration of engineering as a career path, provide an in-depth and interactive overview of engineering majors, programming, hardware and software design, and allow students to use this experience in college applications. Through this 10-day program, students will learn sufficient knowledge to participate in ROAR competition entirely in software simulation and race their autonomous driving agents to compete in the 2022 Summer ROAR Competition (Aug. 13).

After completing the program, students will have the opportunity to become ROAR Ambassadors, participate in all future ROAR competitions and seminars, and will receive a certificate of completion.

SESSIONS

Session 1* (June 27-July 1, July 5-9)

Session 2 (July 11-15, July 18-22)

Session 3 (July 25-29, Aug. 1-5)

*Second week begins on a Tuesday due to holiday

HOW TO APPLY

We welcome applications from California high school students entering grades 10-12 in 2022.

**Early Application Deadline:
March 18, 2022**

Applications are reviewed on a rolling basis, and we encourage you to submit your completed application as soon as possible.

FINANCIAL AID

We award full scholarships for families who demonstrate financial need. You do not need to submit an additional scholarship application.

[Learn more about Fees and Financial Aid.](#)

CONTACT US

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