

Default Question Block

2025 Summer Training Academy for Research Scholars (STARS) Program

June 2 - July 25, 2025, at San Francisco State University

Application Form

Application Deadline: January 17, 2025

The 2025 **STARS Program** is a summer research program hosted by San Francisco State University (SFSU) School of Engineering to provide Bay Area community college students with cutting-edge research experiences in exciting fields spanning robotics, mobile computing, sustainable energy, seismic engineering, cyber-physical systems, and assistive technologies. The 8-week program is co-led by six award-winning SF State engineering faculty and sponsored by a Bay Area K16 Collaborative Implementation Grant.

Program Dates and Location

- June 2 - July 25, 2025, at SFSU
- The internship requires the interns to work 30 hrs/wk in the hosting research lab at SFSU.

Eligibility

- Applicants must be enrolled in an engineering or relevant STEM program of a California community college in Spring 2025.
- Applicants must be a U.S. citizen or permanent resident.
- Applicants must be at least 18 by the program start date (June 2, 2025).

Program Benefits

- Engage in cutting-edge research under the guidance of faculty mentors in various engineering and science fields.
- Access to state-of-the-art [laboratories and facilities](#) in the new [Science and Engineering Innovation Center](#).
- Connect with faculty, graduate students, industry professionals, and the [SF State MESA program](#) to build valuable professional networks and expand your opportunities.
- Join a community of like-minded peers from diverse backgrounds and share learning experiences.
- \$4,000 compensation

Will you be enrolled in a California community college in Spring 2025? (Note: Applicants must be enrolled in an engineering or relevant STEM program at a California community college in Spring 2025.)

- ☐ Yes
- ☐ No

Are you a U.S. citizen or permanent resident? (Eligible applicants must be a U.S. citizen or permanent resident.)

- ☐ Yes
- ☐ No

Will you be 18 years old or older by June 2, 2025? (Applicants must be at least 18 years old by the program start date, June 2, 2025.)

- ☐ Yes
- ☐ No

Contact Information

(All the fields in this section are required to complete the application.)

First Name

Last Name

Email Address:

Phone Number:

Address:

City:

State:

Zip Code:

Block 1

Academic Information

(All the fields in this section are required to complete the application.)

Current Institution

Current Major

Current Overall College GPA

Expected Semester and Year of Transfer

Which major do you potentially have an interest in pursuing at a Four-Year Institution?

- ☐ Civil Engineering
- ☐ Computer Engineering
- ☐ Electrical Engineering
- ☐ Mechanical Engineering
- ☐ Computer Science
- ☐ Other

☐ Undecided

Coursework (Please check all of the courses that you will have completed by June 2025.)

- ☐ Calculus I
- ☐ Calculus II
- ☐ Calculus III
- ☐ Linear Algebra
- ☐ Differential Equations
- ☐ Physics I (Classical Mechanics)
- ☐ Physics II (Electromagnetism)
- ☐ Physics III (Waves and Thermodynamics)

- ☐ Statics
- ☐ Dynamics
- ☐ Materials Science
- ☐ Circuits
- ☐ MATLAB
- ☐ Programming in C/C++
- ☐ Programming in Java
- ☐ Programming in Python
- ☐ Engineering Graphics / Computer Aided Design (e.g., SolidWorks)
- ☐ Introduction to Engineering
- ☐ Introduction to Unix/Linux
- ☐ Data Structures and Algorithms
- ☐ Probability and Statistics

Career Interest Information

(All the fields in this section are required to complete the application.)

Provide a brief description of your academic plans, career goals, and research interests.

Briefly explain your motivation for participating in the Summer Research Internship Program.

List any hands-on experience, programming skills, familiarity with software and/or hardware tools, communication skills (oral and written), or other technical training and experiences that would be valuable for an engineering research internship.



Rank in order (1 = Most Preferred to 6 = Least Preferred) for which potential research laboratories do you have an interest in pursuing for the summer research program? Please drag the available options and place them in order.

- Personalized Health and Assistive Technologies Laboratory (PHAST Lab) (Director: [Dr. Alyssa Kubota](#))
- Sustainable Energy Systems Laboratory (Director: [Dr. Alanna Cooney](#))
- [Controls for Assistive and REhabilitation Robotics Laboratory \(CARE Lab\)](#) (Director: [Dr. David Quintero](#))
- [Intelligent Computing and Embedded Systems Laboratory \(ICE Lab\)](#) (Director: [Dr. Xiaorong Zhang](#))
- Intelligent Structural Hazard Mitigation Laboratory (iSHM Lab) (Director: [Dr. Zhaoshuo Jiang](#))
- [Mobile and Intelligent Computing Laboratory \(MIC Lab\)](#) (Director: [Dr. Zhuwei Qin](#))

Are you able to commit to participating in the Summer Research Program on campus at San Francisco State University if required? Please note that the internship involves a commitment of 30 hours per week from June 2 to July 25, 2025.

- ☐ Yes
- ☐ No
- ☐ Unsure

Block 2

Voluntary Self-Identification Information

Gender Identity

- ☐ Woman
- ☐ Man
- ☐ Non-binary / Third gender
- ☐ Prefer not to say

Are you Hispanic or Latino?

- ☐ Yes
- ☐ No
- ☐ Prefer not to say

How do you identify your race (Select all that apply)

- ☐ American Indian or Alaska Native
- ☐ Asian
- ☐ Black or African American
- ☐ Native Hawaiian or Other Pacific Islander
- ☐ White
- ☐ Other (please specify):
- ☐ Prefer not to say

Block 4

Reference Information

A reference check is required from a math, science, or engineering (STEM) professor who has either taught or worked with the applicant. Applicants must include their reference's contact information in the application form. If short-listed, we will reach out to your reference to complete the reference check.

Contact information of the reference:

Reference Name

Position/Title

Email Address

Phone Number

Your relationship to the reference

Block 3

Please share any additional questions, comments, or suggestions you may have.

