



FUTURE SCIENTISTS AND ENGINEERS SPRING WORKSHOP

March 6,13,20
April 3,10,17

Time: 9:00am-12:00pm

Grades 9-12

Locations: UC Davis Kemper Hall and SJCOE FabLab

Complete all six sessions to receive your certificate and be eligible for future internships!

Workshop Agenda:

The world of nanotechnology, microchips, and quantum

Introduction to Microfabrication: Space-suited inside a nanotechnology lab

Hands-on Workshop: Make a **Solar Cell** From Scratch, Tour our Cleanroom and learn the **Microfabrication Processes**

The world of computer vision and artificial intelligence (AI)

Immersive Learning: AI and Robotics Applications Using Arduino

Dive into **Robotics and AI** as you design, code, and bring intelligent systems to life.

The world of art meets digital technology

Explore **hands-on PCB Design**, fabrication, and assembly as you build a functional circuit from start to finish.

and more... even for ice cream 🍦 lovers (using liquid nitrogen)

Have fun and learn with UC Davis faculty and researchers to explore cutting edge technologies.

March & April 2027

Grades 9-12

Limited team size: ~ 25 Students

Deadline: January 31st

Cost: Free for all accepted students.

Quick online application:

[Click Here](#)

Have questions / comments? Please contact: Allison Long,
Program Coordinator - Email: alilong@ucdavis.edu



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