

Sanjana Sujeet

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Education

B.S. Environmental Studies, Data Analysis Concentration

Spatial Science/GIS Minor

University of California, Santa Barbara

Expected June 2026

3.63 GPA

International Baccalaureate Diploma

Hillcrest High School- Midvale, Utah

2018-2022

4.0 GPA, Ranked 1/428, 35 ACT, Honors Roll, Academic Letter Award

Internships and Research Experience

Whitebark Pine Data Visualization UCSB FUERTE, Santa Barbara, CA

March 2025-present

- Building a Shiny App to display data on how elevation and beetle stress affect Whitebark pine health in the Sierra Nevada mountain range.

Ocean Health Index Intern, National Center for Ecological Analysis and Synthesis(NCEAS)

June-August 2024

- Assisted Graduate Student Interns with troubleshooting, checking code, updating scripts, building a Quarto website, and finding datasets to compile a framework for measuring various Ocean Health factors worldwide.

Undergraduate Research Assistant, UCSB Benioff Ocean Science Lab/Young Lab

May 2024-present

- Co-leading a project in Dr. Hillary Young's lab on snow sports and microplastic pollution in the Sierra Nevada mountain range. Currently creating protocols and methodology for water microplastic separation and analysis, building lab skills(vacuum filtration, microscopy), and beginning data collection.

Green Architecture: Comparing Ancient Civilizations' Techniques to Today's

January 2024-April 2024

- Independent Literature Review research project combining Architecture, Anthropology, Tech, and Environmental topics.
- Won UCSB Library Award for Undergraduate Research, First Place in the Social Science category, published in the UC Library system.

SNARL Plastic Analysis UCSB FUERTE, Sierra Nevada Aquatic Research Laboratory

September 2023-April 2024

- Conducted a field and lab project on microplastic and macroplastic analyses in the Sierra Nevada lakes using R Studio, presented at SNARL and the EEMB Undergraduate Symposium

Undergraduate Research Assistant, UCSB EEMB Hofmann Lab, Santa Barbara, CA

August 2023- Dec 2024

- Assisted PhD candidate Amelia Ritger in her research on how *Corynactis californica*'s intraspecific variation affects their resilience to marine heat waves through animal husbandry, data entry, and experiment maintenance

Undergraduate Research Assistant, UCSB EEMB Burkepile Lab, Santa Barbara, CA

March 2023-May 2024

- Assisted PhD student Julianna Renzi on coral diseases analysis using ImageJ and R-Studio
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Presentations

An Evaluation of Plastics Found in California Eastern Sierra Lake Environments

- FUERTE-Sierra Nevada Aquatic Research Laboratory-Oral Presentation September 2023
- EEMB Undergraduate Research Symposium- Poster Presentation April 2024

Fellowships and Awards

Environmental Leadership Incubator(ELI) UCSB, Santa Barbara, CA	May 2024- present
<ul style="list-style-type: none">- Year-long program mentoring students in leading projects that tackle environmental issues.- Co-founding “Tide and Terra Magazine”, an artistic and educational publication promoting environmental literacy through accessible, student-created storytelling.	
EEMB Field-Based Undergraduate Engagement through Research, Teaching, and Education (FUERTE) Fellowship UCSB, Santa Barbara, CA	September 2023-present
<ul style="list-style-type: none">- National Science Foundation sponsored 3-year Research Fellowship through UCSB	
DIVERSity in Diving Fellowship , UCSB Marine Science Institute, Santa Barbara, CA	May 2023-present
<ul style="list-style-type: none">- Open Water SCUBA certified in August 2024, AAUS scientific SCUBA certification by September 2025	
EEMB Undergraduate Research Symposium- best poster presentation	April 2024
UCSB Library Award for Undergraduate Research-Social Sciences 1st Place	May 2024
Coastal Fund Grant	April 2024
T.A. Barron Certificate in Environmental Leadership Award	December 2023
Coastal Fund Grant	December 2023
Dean’s Honor , UCSB	Fall 2022, Fall 2023, Spring 2023, Spring 2024, Fall 2024, Winter 2025

University Service

Coastal Fund Board Representative , UCSB Associated Students	June 2024 -present
<ul style="list-style-type: none">- Working alongside other board members to review, discuss, and issue grants to undergraduates, graduate students, faculty, and outside parties on their work focused on preserving the coastline and its marine habitats. Involved in decision-making that allocates over \$450,000 yearly.	

Publications

Green Architecture: Comparing Ancient Civilizations’ Techniques to Today’s
- Published on EScholarship, the University of California's Open Access Repository

Skills

- Programming/Data analysis: RStudio, ArcGIS Pro
 - Web Development/UIUX: Figma, Quarto, Adobe, Shiny
 - Languages: Hindi, Malayalam
 - Lab: Animal husbandry, respirometry, imageJ, experiment maintenance, vacuum filtration, microscopy, PCR
 - Scientific Writing: lab reports, literature review, grant writing, grant reviewing, magazine writing, editing, and formatting for publication
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References

Available Upon Request