

Samantha Shon

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EDUCATION

University of California, Los Angeles (UCLA)

Los Angeles, CA

B.S. in Mathematics of Computation (Math and Computer Science)

Sep 2023-June 2027

- **UCLA Cumulative GPA:** 3.51
- **Courses:** Linear Algebra, Discrete Math, Computer Organization, Introduction to Computer Science I & II

EXPERIENCE

TECHCET and the Critical Materials Council

San Diego, CA

Computer Science Data Analyst Intern

July 2025- Sep 2025

- Developed a dynamic scheduling program in Microsoft Excel to optimize project timelines and resource allocation.
- Implemented AI data scraping using Python to find financial data from various companies.

UCLA Radio Web Development

Los Angeles, CA

Web Development Intern

Apr 2025- June 2025

- Collaborated on digital projects and gained insight into radio station operations.
- Co-developed the "Underground Meter" Chrome extension to enhance user interaction with indie music content.

Advanced Orthopaedic Institute

Irvine, CA

Office Assistant

June 2024- Sep 2024

- Entered and maintained accurate patient billing, demographic, and referral information.
- Assisted with verifying and updating patient records to support seamless billing and referral processes.
- Demonstrated strong attention to detail to maintain accuracy in high-volume data entry tasks.

Mathnasium

Los Angeles, CA

Math Instructor

Jan 2022- Dec 2023

- Taught math concepts to groups of up to four students per hour, tailoring instruction to individual needs and fostering a positive learning environment.
- Communicated with parents regularly to discuss student progress and adjust learning plans to meet their goals.
- Represented Mathnasium at community events, engaging with prospective students and parents to promote programs and build connections.
- Demonstrated strong organizational and interpersonal skills to manage diverse responsibilities effectively.

INVOLVEMENT

Pilipinoes in Engineering and Sciences (PIES)

Los Angeles, CA

General Member

Sept 2024- Present

- Engaged in monthly MacGyver challenges, collaborating in teams to creatively engineer functional trinkets (e.g., catapults) using everyday items.
- Participate in events that promote Filipino culture and facilitate networking with alumni who have backgrounds in engineering and sciences.

UCLA URC Team

Los Angeles, CA

Programming Subteam

Sept 2024- Present

- Collaborate with team members to design algorithms for various rover missions, including terrain traversal and sample extraction.
- Programmed autonomous functions, remote control capabilities, and sensor integration using C++.

SKILLS

- Skills: Customer Service, Communication and Collaboration, Microsoft Excel (VBA), Public Speaking and Promotion
- Languages: C++, HTML, CSS, Python