

Samantha Shon

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EDUCATION

University of California, Los Angeles (UCLA)

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

Los Angeles, CA

Sep 2023-June 2027

- UCLA Cumulative GPA: 3.55
- Courses: Linear Algebra, Discrete Math, Probability, Computer Organization, Introduction to Computer Science I & II

EXPERIENCE

TECHCET and the Critical Materials Council

Computer Science Data Analyst Intern

San Diego, CA

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.
- Held individual progress meetings and presented demos to senior leadership, including the Vice President and analysts, enhancing my public speaking and teamwork abilities

Advanced Orthopaedic Institute

Office Assistant

Irvine, CA

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

Math Instructor

Laguna Niguel, CA

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.
- Demonstrated strong organizational and interpersonal skills to manage diverse responsibilities effectively.

INVOLVEMENT

UCLA Radio Web Development

Web Development Intern

Los Angeles, CA

Apr 2025- Present

- 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.

Pilipinoes in Engineering and Sciences (PIES)

General Member

Los Angeles, CA

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

Programming Subteam

Los Angeles, CA

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++, Python