

# Samantha Shon

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## EDUCATION

### University of California, Los Angeles (UCLA)

Los Angeles, CA

*B.S. in Mathematics of Computation*

*Expected June 2027*

- **UCLA Cumulative GPA:** 3.435
- **Courses:** Linear Algebra, Discrete Math, Computer Organization, Introduction to Computer Science I & II

## EXPERIENCE

### Advanced Orthopaedic Institute

Irvine, CA

*Office Assistant*

*Jun 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.
- Maintained detailed records of student performance and provided actionable feedback to support academic growth.
- 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*

- Engage in monthly **MacGyver challenges**, collaborating in teams to creatively engineer functional trinkets (e.g., catapults) using everyday items like popsicle sticks and rubber bands.
- Participate in events that promote **Filipino culture** and facilitate networking with alumni who have backgrounds in engineering and sciences.
- Contribute to a supportive **"family" network** of peers with similar majors and interests, fostering connections through organized social events and professional development activities.

### UCLA URC Team

Los Angeles, CA

*Programming Subteam*

*Sept 2024- Present*

- Participate in weekly meetings at the American Society of Mechanical Engineers (ASME) lab to develop software for rover movement.
- Collaborate with team members to design algorithms for various rover missions, including terrain traversal and sample extraction.
- Program autonomous functions, remote control capabilities, and sensor integration using C++.

### Society of Women Engineers (SWE)

Los Angeles, CA

*General Member*

*Mar 2024- Present*

- Actively participate in professional development workshops and networking events to enhance engineering skills and career readiness.
- Engage in team-building activities to foster a supportive and inclusive environment within the engineering community.

## SKILLS

- Skills: Customer Service, Communication and Collaboration, Interpersonal Skills, Public Speaking and Promotion
- Languages: C++, HTML, CSS

