Samantha Shon

61 Remington Lane | samanthashon5@g.ucla.edu | 949.584.0124 | https://github.com/samanthashon5

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:** 3.55
- **Courses:** Linear Algebra, Discrete Math, Probability, Analysis, Probability and Statistics, 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.
- 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   **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   **Laguna Niguel, 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.

INVOLVEMENT

UCLA Radio Web Development   **Los Angeles, CA**

Web Development Intern   *Apr 2025- Present*

- Collaborated on digital projects such as a radio show archive hosted on Firebase.
- Co-developed the "Underground Meter" Chrome extension to enhance user interaction with indie music content.

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- June 2025*

- 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, Node.js, React, Emacs, Git
- Languages: C++, Python, JavaScript, CSS, HTML