

Samantha Wu

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EDUCATION

University of Pennsylvania, College of Arts & Sciences | Philadelphia, PA

May 2026

Bachelor of Arts in Cognitive Science, Concentration in Neuroscience

Relevant Coursework: Statistics, Cognitive Science, Computer Science, Psychology, Neuroscience, Neurolinguistics, Calculus

PROFESSIONAL EXPERIENCE

Allyin.ai | AI Product Design Intern | San Jose, CA

June 2025 – August 2025

- Designed and tested UX/UI wireframes and prototypes, translating product concepts into user-centered interfaces.
- Conducted competitor and market analysis to identify pain points and opportunities for improved user experience.
- Researched and prototyped AI-driven features to enhance homebuying, renting, and investing.
- Explored generative AI applications in real estate, including discovery tools and investor insights.

Camino Pediatric Dentistry | Intern | Sunnyvale, CA

June 2024

- Applied user-centered design principles to improve pediatric patient experiences by observing behavior and optimizing clinic workflows.
- Collaborated with staff to streamline room setup and patient transitions, improving operational efficiency.

ATHLETICS LEADERSHIP EXPERIENCE

University of Pennsylvania Gymnastics | Student-Athlete | Philadelphia, PA

August 2022 – May 2026

- Represented Penn Women's Gymnastics program in NCAA Division I competition.
- Balanced 25+ hours per week of practice and team related activities on top of full academic course load.
- Collaborated with coaches and senior teammates in monthly meetings to set expectations and strengthen team communication and dynamics.
- Awards:** 2024 Coaches Award for Most Consistent Competitor, 2024 Ivy League Beam Champion, 2023 – 2026 GEC Conference Champion.

Gymnastics Coach | Youth & Developmental Programs | Philadelphia, PA & Stanford, CA

Spring 2024 – Spring 2025

- Designed and led instructional sessions for young children, fostering skill development and collaboration.
- Organized scheduling and check-ins through front desk management and parent communication.

Athlete to Athlete | Mentor | Virtual

November 2025 – May 2026

- Mentored student-athletes through weekly 1:1 virtual sessions, tailoring guidance based on individual goals and parent-provided needs.
- Iterated on goal-setting strategies through regular feedback and progress check-ins.

PROJECTS

AI Gymnastics Performance Analyzer | Computer Vision | YOLOv8 | MediaPipe | Cursor

February 2026 – Present

- Designed an AI coaching tool that analyzes gymnastics skills and provides performance feedback.
- Integrated YOLOv8 and MediaPipe models to detect body landmarks and analyze gymnastics movements.
- Translated judging deductions into clear, actionable feedback.

SKILLS, INTERESTS

Design & Research: UX/UI Design, Wireframing, User Research, Competitor Analysis, Prototyping

Technical: Figma, Cursor, Claude, OpenAI, YOLOv8, MediaPipe, Microsoft Excel

Language: English, Chinese (Proficient)

Interests: Designing creative mini prototypes, Creative multiplayer open-world video games, Exploring global music