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

Sparrow Vision, Inc | *AI Product Management Intern* | Remote *September 2026 – Present*

- Built a creator-outreach tracker for Sparrow Coach, organizing 1,040 records by priority, contact channel, and follow-up stage.
- Tested pitch-deck and financial-model variations with ChatGPT and Claude; documented simulated investor responses to inform fundraising materials.

Allyin.ai | *AI Product Design Intern* | San Jose, CA *June 2025 – August 2025*

- Designed and tested UX/UI wireframes and prototypes for AI-powered real estate product concepts.
- Conducted competitor and market research to identify user pain points and product opportunities.
- Researched and prototyped generative AI features for homebuying, renting, and investing workflows.

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*

- Balanced NCAA Division I gymnastics and 25+ hours of weekly training with a full academic course load.
- Collaborated with coaches and teammates; earned the 2024 Ivy League Beam Championship and Coaches Award for Most Consistent Competitor.

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 in weekly 1:1 sessions, adapting goals through 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

Product & Research: User Research, Competitor Analysis, Wireframing, Prototyping, UX/UI Design
Technical: Figma, Cursor, Claude, OpenAI, YOLOv8, MediaPipe, Microsoft Excel, Google Workspace
Language: English, Chinese (Proficient)
Interests: Designing creative mini prototypes, Creative multiplayer open-world video games, Exploring global music