

Luna Chen
San Jose, California

Email : tunamoon@seas.upenn.edu
Mobile : +1-408-707-9803

EDUCATION

University of Pennsylvania
Bachelor of Applied Science in Computer Science and Cognitive Science
• **Cumulative GPA:** 3.7/4.00

Philadelphia, PA
Aug. 2022 – May 2026

EXPERIENCE

The Machine Vision Lab
Research Assistant

University of Pennsylvania
May 2024 – August 2024

- **Eyetracking Data Collection:** Led and established eye gaze data collection using Aria glasses, scaling participant engagement from 0 to 40, enabled machines to mimic human visual efficiency, enhancing machine vision processes.
- **Python Script Development:** Automated VRS data extraction through Python scripts, reducing processing time by over 30%, accelerated workflow for gaze analysis.
- **Eye Gaze Models:** Increased prediction accuracy by refining config files for eye gaze models, directly benefiting applications in human-computer interaction research.

SEAS Department
Head Teaching Assistant, Computer and Information Sciences

University of Pennsylvania
Aug. 2023 – Dec 2024

- **Leadership and Mentorship:** Led a team of 30+ TA's and conducted weekly recitations for 100+ students, simplifying complex topics in graph theory, discrete probability, and induction.
- **Standardized Grading:** Developed 30+ problem grading rubrics, ensuring consistency, fairness in assessments.

Kinetic Technologies
Marcom Intern

San Jose, CA
May 2023 – Aug. 2023

- **Website Improvements:** Spearheaded website improvements by facilitating communication between sales and marketing departments, aligning technical content with marketing strategies to boost engagement.
- **Marketing Content Creation:** Authored marketing material documenting IC applications, contributing to 20% boost in product visibility on LinkedIn.
- **Market Research:** Led market research efforts, developing a LinkedIn marketing strategy that increased follower engagement by 10%, enhancing brand awareness.

EXTRACURRICULAR ACTIVITIES

- **Dev4Good - Product Manager:** Led a team of 10 developers to create a custom API server and Student Web Registration page for AmericaSCORES, and developed a website framework for Centro Community Partners using Firebase and React Native.
- **Every Now & Then - Co-founder:** Co-founded and manage a popup dining experience, achieving \$3000+ in revenue and 200+ guests. Curated culturally themed menus and handled logistical coordination.
- **Penn SPARK - Project Lead:** Advanced full-stack web development skills (React, Node.js, MySQL, HTML, CSS) through weekly lessons and projects. Organized social events to foster community of 50+ students.
- **Penn Women's Club Volleyball - Secretary:** Managed club finances, organized fundraisers earning \$400+, coordinated practices and tournaments, improving team operations and engagement.

SKILLS

- **Relevant Courses:** Programming Languages and Techniques II (CIS1210), Artificial Intelligence (CIS5210), Interactive Computer Graphics (CIS5600)
- **Technical Skills:** Java, OCaml, C, C++, JavaScript, HTML, CSS, Python, SQL, React, Node.js, React Native, Firebase, Database Management, Excel
- **Coding Projects:** Mini Minecraft - C++, Graphics, Personal Website, Roomies - Web App, Front-end, SpotBnb - Databases and Google Maps API Web App, Huffman Heaps
- **Languages:** English (Native), Mandarin (Native), Spanish (Proficient)
- **Interests:** Volleyball, Cooking, Crocheting, Chinese Literature