**EDUCATION**

**CORNELL UNIVERSITY, College of Engineering**   **Ithaca, NY**

*Candidate for Bachelor of Science in Mechanical Engineering, Minor in Business* Anticipated Graduation May /2028

Relevant Coursework:Spatial Visualization and Thinking for Engineers, Microeconomics, Application of Operations Research

**DOWNTOWN MAGNETS HIGH SCHOOL, Engineering Magnet Los Angeles, CA**

*High School Diploma, Valedictorian, International Baccalaureate Diploma* Graduation June/ 2024

**EXPERIENCE**

**BRIDGE TO ENTER ADVANCED MATHEMATICS (BEAM) Los Angeles, CA** *Teaching Assistant / Ambassador,*  Summer 2025

* Selected for a competitive sponsored role to represent this non-profit, preparing and delivering a professional presentation on teaching experiences to our donors, including Hudson River Trading and Jane Street Capital.
* Mentored middle school students from underrepresented backgrounds by providing academic guidance in advanced math topics (combinatorics, number theory, graph theory).
* Assisted a USC Mathematics professor in teaching advanced math topics by guiding students through problem-solving, offering individualized feedback, and supporting a collaborative classroom culture.

**THRIVE SCHOLARS Ithaca, NY**

*Campus director/ Scholar* April / 2020-Present

* Selected to serve as a peer leader and liaison between Thrive Scholars, university campus, and national office to strengthen scholar support networks. Build relationships with a cohort of scholars through regular outreach (coffee chats, check-ins, resource sharing)
* Plan and execute academic, social, and wellness events per year. Manage event budgets and submit detailed proposals and reports.
* Selected for a 6-year college access & professional development program for high achieving, underrepresented first-generation talent.

**UCLA RIORDAN SCHOLARS Los Angeles, CA**

*Team Manager* September 2022 - May/2024

* First-place winner in the 2024 Real Estate Competition; second-place winner in the 2023 Stock Market Competition.
* Attended monthly sessions, developing presentation, teamwork, and analytical skills through hands-on business case studies.

DMHS ROBOTICS Los Angeles, CA

*Historian/ Member* June /2021 - August/2023

* Fundraised $1,875 by selling sweets to purchase tools and materials.
* Built and programmed robots for annual competitions, winning 1st place out of 15 teams in the school district.
* Managed the club’s social media presence, recruiting new members by promoting events and sharing updates on activities and achievements.

**Projects**

**COURSEWORK PROJECT:** Spatial Visualization and Thinking for Engineers Summer 2024

* Strengthened spatial reasoning and 3D visualization skills through targeted training and practice in a civil engineering context; gained hands-on experience with CAD design tools.
* Collaborated with a team to create a detailed CAD model of a bridge and researched how spatial visualization techniques are used in the industry, presenting findings using examples from scientific publications and professional sources.

**YMCA Community Food & Care Package Campaign** June 2025

* Help start up a Campaign to help the families of ICE raid victims facing financial insecurity and fear of being targeted.
* Applied project management skills to reorganize logistics setup, ensuring timely package distribution.
* Promoted to lead volunteer role, overseeing workflow, task delegation, and team coordination for 10+ volunteers.

**Extracurriculars**

**UNITED IN HARMONY Ojai, CA**

*Event organizer, Fundraiser, Camp Counselor* February 2022 - August 2024

* Spearheaded annual fundraising efforts, raising $400+ per year through bake sales and organizing large events, including a Thanksgiving dinner and Christmas toy drive, to support camp operations and provide resources for underprivileged children.
* Developed strong organizational and project management skills by overseeing events and creating donor outreach strategies.
* Volunteered as camp counselor for 3 years, leading summer and winter camps for children from low-income communities, building communication and leadership skills by managing camper activities, and fostering a supportive cabin environment.