

Zachary Marasia

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[Professional Website](#) | Long Island, NY

EDUCATION

CORNELL UNIVERSITY | College of Engineering | Class of 2028 | Bachelor of Science in Civil Engineering Ithaca, NY
• Relevant Coursework: Statics, Mechanics of Materials, CAD & Modeling • Current GPA: 3.21/4.00
Jericho High School | Class of 2024 | GPA: 4.23/5.00 Long Island, NY
• AP Scholar with Distinction • National & Spanish Honor Society

EXPERIENCE

MG ENGINEERING New York, NY
Plumbing & Fire Protection Intern June 2025 – August 2025
• Supported design and documentation of plumbing and fire protection systems for commercial and residential NYC projects, generating 35+ sprinkler head and plumbing layouts
• Conducted field surveys and drafted plans in AutoCAD and Revit, revising 30+ ongoing project plans to reflect client feedback, multidisciplinary collaboration and updated requirements

SB VISION Ithaca, NY
Campus Expansion Specialist, Cornell Campus Director October 2025 – Present
• Organize Cornell's largest private concerts with 5,000+ attendees; communicate between artists and staging companies to meet technical needs, negotiate contracts, manage an \$100K budget, and control all Cornell social media accounts to maximize sales

PLUGGED UNIVERSITY CORNELL New York/Ithaca, NY
Founder and CEO 2023 – Present
• Organized events with 1,000+ attendees, generating \$25K+ annually
• Managed a marketing team, venue selection, staffing, ticketing and logistics

SUNY STONY BROOK UNIVERSITY Stonybrook, NY
Civil Engineering Research Intern July 2023 – August 2023
• Studied scour around bridge supports during simulated flooding in wave flume experiments

MARASIA EVENTS COMPANY New York, NY
Founder and CEO 2022 – Present
• Built and grew a DJ & event production business for corporate, school and local events

ROBOTICS MENTOR Long Island, NY
Tutor 2023 – 2024
• Created and taught engaging lessons in basic coding, circuitry, building, and problem solving skills for young kids

JERICHO ATHLETIC ASSOCIATION Long Island, NY
Field Concession Manger 2022 – 2024
• Managed schedule, staff, budget and inventory
• Analyzed sales by event to prioritize staffing during peak times, boosting sales and cutting labor costs by an estimated 15%

EXTRACURRICULARS AND COMMUNITY SERVICE

Firefighter, Jericho Fire Department September 2023 – Present
• Respond to fire calls and trained in fire suppression & fire rescue operations
Member, Cornell Steel Bridge Project Team November 2024 – Present
• Design, fabricate & build a 24ft bridge for AISC competition
Member, Cornell University Nightlife and Hospitality Club September 2024 – Present
• Learn from industry professionals on nightclub, festival and bar management
Nassau-Suffolk Region E-Board PR Director, BBYO 2023 – 2024
• Managed communications, social media outreach & organized events for 400+ teen participants
• Lead Regional Press Corps (Send out monthly newsletters to members)
Building Lead, Jericho High School Robotics Team 2022 – 2024
• Competed in Southern NYS VEX Championship
Clarinetist, Jericho High School Jazz Ensemble 2020 – 2024
• Studied improvisation, jazz history and performed at community events, jazz clubs and school ceremonies
Secretary, Jericho High School Engineering Club 2022 – 2024
• Led younger students in physics-based activities, Fusion360 training sessions, and managed the annual budget

SKILLS

Proficient using: AutoCAD (Intermediate), Fusion360 (Intermediate), Microsoft Office (Intermediate), Welding (Intermediate)