

Xitian (Tina) Yu

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EDUCATION

Stony Brook University

Bachelor of Science in Biochemistry, Minor in Rhetoric and Writing

Stony Brook, NY

Aug 2025 – Present

Syosset Senior High School

Syosset, NY

Dec 2021 – Jun 2025

Relevant Coursework: ISWL Youth Summer Program, HSSP Summer Program (MIT Online Courses), Spark Program (MIT Online Summer Program), Anatomy (Coursera), Independent Studies Programs in Nutrition (Syosset High School)

LEADERSHIP EXPERIENCE

ProVeg International Food Innovation Challenge

Sep 2025 – Present

Campus Ambassador and Competitor

- Selected and developed an innovative food concept in collaboration with 8 partner brands, including Beyond Meat, OATLY, and Wilmar International
- Led campus-wide promotion and operations by recruiting and supporting student participants, organizing roadshow events, managing daily communications, and coordinating team activities

Supernova Model United Nation Team

Mar 2024 – Present

Director of Design

- Attending weekly meetings and participating in events
- Designing logos, event posters, and certificate templates for organization's events. Responsible for managing organization websites, review event texts
- Organized for the summer online international Model United Nation debates

National Honor Society at Syosset High School

Sep 2024 – Jun 2025

Treasurer

- Managing financial records; facilitated clear communication channels between 400+ members and advisors
- Fostered peer mentorship and guidance sessions, ensuring members' questions and concerns were addressed

TeddyBear Community

Apr 2024 – Jun 2025

Tutor, Outreach Team

- Teaching Nutrition and Living Environment classes
- Outreach to other organizations to message of providing free online academic resources to children

C-pop Dance Group at Syosset High School

Feb 2024 – Jun 2025

Founder and Captain

- Hosting dance learning workshops every alternative week to pursuing members' interests in c-pop dances and help members gain a deeper understanding in Chinese pop dance cultures
- Organizing fundraisers and providing club members with performing opportunities

SELECTED HONORS

2025 The WAC Lighting Invitational Science Fair - Honorable Mention

2025 Nassau County High School Bowling Tournament - 2nd Place

2021-2024 Annual Honor Rolls (All Eligible Years)

2023-2024 Researcher of the Year

2023-2024 Congress Of Future Medical Leaders Award of Excellence

2022-2023 Badminton Coaches Award

2022-2023 Certificate of Merit in Athletics

2019, 2020 City Excellent Class Cadres

EXTRACURRICULAR ACTIVITIES

SBU Eats at Stony Brook University

Sep 2025 – Present

Volunteer

- Support teaching kitchen sessions and promote nutritional knowledge through interactive activities
- Engage with students during school nutrition events, assist with event coordination, promotion, and photography

Gardening Group at Stony Brook University

Aug 2025 – Present

Member

- Collaborate with team members to clear weeds and manage pests in campus gardens
- Plant, maintain, and harvest vegetables; prepare nutritious food from garden produce

American Society of Nutrition (ASN)

Oct 2023 – Present

Member

- Attended professional webinars and engaged with research dietitians to discuss research progress and seek guidance for future career development
- Completed online continuing-education courses and earned seven AMA/CME credits with certification

Nutrition Facts Organization

Aug 2023 – Present

Volunteer

- Edited, and translated 100+ blogs, each reaching over 2,000+ reads, and helped testing a nutrition tracking app
- Attended nutrition-focused webinars and interacted with renowned dietitian Dr. Greger to deepen field knowledge

Girls Varsity Bowling Team at Syosset High School

Nov 2022 – Jun 2025

Senior Captain

- Guided and taught new team members, helping them develop skills and confidence.
- Actively participated in matches and practices, lead the team to the 2nd-place finish at the Nassau County High School Bowling Tournament during the 2024–2025 season

ISWorldlife Organization

Mar 2024 – May 2025

Internship, Member

- Attended weekly organization meetings and biweekly mentor sessions while serving as a Summer Youth Leadership Program teaching assistant
- Mentored students during the summer camp by guiding them through podcast project development and execution

Girls Junior Varsity Badminton Team at Syosset High School

Mar 2023 – Jun 2023

Team Member

- As a doubles player, contributed to the team's first undefeated season in girls' high school badminton history

PROJECTS

Research Paper | Cold Spring Harbor Laboratory

Jul 2024 - Feb 2025

- Served as a student volunteer researcher during the summer, investigates whether the Kolmogorov-Arnold Network (KAN) model, with its unique approach of using learnable edge functions, can provide better interpretability compared to the current SQUID framework for analyzing deep learning outputs in genomic sequences, specifically in understanding cis-regulatory elements and their complex interactions

Research Paper | Toshiba Research Competition

2023-2024

- Collaborated with group members to conduct a research paper on proposing a Smart Service on the gas pump
- Developed a concept for a new design with disposable recyclable plastic materials on the pulp handle
- Integrated an AI service system to assist customers in avoiding direct contact with the gas pump

Research Paper | Final Paper for Research 2

2023-2024

- Collaborated with partners to conduct a research paper by doing the experiment investigates what causes energy drinks to emit luminescence by placing cuvettes containing different energy drink samples into a spectrometer to record the maximum absorbance and corresponding wavelength
- Graphs are made to show the maximum fluorescence for samples from the data within the chart
- The paper provides an explanation about the luminescence wavelength that students collected

SKILLS

Computer Skills: Python, Canvas, Autodesk Sketchbook, Wevideo, Scratch, Google Slide/Doc/Form/Sites

Speaking Languages: Chinese (Native), French (Elementary proficiency), Spanish (Elementary proficiency)

Soft Skills: Communication Skills, Team Work, Critical Thinking, Adaptability, Problem Solving

Certificates: CPR/AED First Aid Certification