

# Xitian (Tina) Yu

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## EDUCATION

<b>Stony Brook University</b>	Stony Brook, NY
<i>Bachelor of Science in Biochemistry, Minor in Rhetoric and Writing</i>	<i>Aug 2025 – Present</i>
<b>Syosset Senior High School</b>	Syosset, NY
	<i>Dec 2021 – Jun 2025</i>

**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

<b>ProVeg International Food Innovation Challenge</b>	Sep 2025 – Present
<i>Campus Ambassador and Competitor</i>	
<ul style="list-style-type: none"><li>Selected and developed an innovative food concept in collaboration with 8 partner brands, including Beyond Meat, OATLY, and Wilmar International</li><li>Led campus-wide promotion and operations by recruiting and supporting student participants, organizing roadshow events, managing daily communications, and coordinating team activities</li></ul>	
<b>Supernova Model United Nation Team</b>	
<i>Director of Design</i>	Mar 2024 – Present
<ul style="list-style-type: none"><li>Attending weekly meetings and participating in events</li><li>Designing logos, event posters, and certificate templates for organization's events. Responsible for managing organization websites, review event texts</li><li>Organized for the summer online international Model United Nation debates</li></ul>	
<b>National Honor Society at Syosset High School</b>	Sep 2024 – Jun 2025
<i>Treasurer</i>	
<ul style="list-style-type: none"><li>Managing financial records; facilitated clear communication channels between 400+ members and advisors</li><li>Fostered peer mentorship and guidance sessions, ensuring members' questions and concerns were addressed</li></ul>	
<b>TeddyBear Community</b>	Apr 2024 – Jun 2025
<i>Tutor, Outreach Team</i>	
<ul style="list-style-type: none"><li>Teaching Nutrition and Living Environment classes</li><li>Outreach to other organizations to message of providing free online academic resources to children</li></ul>	
<b>C-pop Dance Group at Syosset High School</b>	Feb 2024 – Jun 2025
<i>Founder and Captain</i>	
<ul style="list-style-type: none"><li>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</li><li>Organizing fundraisers and providing club members with performing opportunities</li></ul>	

## 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

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<b>SBU Eats at Stony Brook University</b>	Sep 2025 – Present
<i>Volunteer</i>	
<ul style="list-style-type: none"><li>• Support teaching kitchen sessions and promote nutritional knowledge through interactive activities</li><li>• Engage with students during school nutrition events, assist with event coordination, promotion, and photography</li></ul>	
<b>Gardening Group at Stony Brook University</b>	Aug 2025 – Present
<i>Member</i>	
<ul style="list-style-type: none"><li>• Collaborate with team members to clear weeds and manage pests in campus gardens</li><li>• Plant, maintain, and harvest vegetables; prepare nutritious food from garden produce</li></ul>	
<b>American Society of Nutrition (ASN)</b>	Oct 2023 – Present
<i>Member</i>	
<ul style="list-style-type: none"><li>• Attended professional webinars and engaged with research dietitians to discuss research progress and seek guidance for future career development</li><li>• Completed online continuing-education courses and earned seven AMA/CME credits with certification</li></ul>	
<b>Nutrition Facts Organization</b>	Aug 2023 – Present
<i>Volunteer</i>	
<ul style="list-style-type: none"><li>• Edited, and translated 100+ blogs, each reaching over 2,000+ reads, and helped testing a nutrition tracking app</li><li>• Attended nutrition-focused webinars and interacted with renowned dietitian Dr. Greger to deepen field knowledge</li></ul>	
<b>Girls Varsity Bowling Team at Syosset High School</b>	Nov 2022 – Jun 2025
<i>Senior Captain</i>	
<ul style="list-style-type: none"><li>• Guided and taught new team members, helping them develop skills and confidence.</li><li>• 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</li></ul>	
<b>ISWorldlife Organization</b>	Mar 2024 – May 2025
<i>Internship, Member</i>	
<ul style="list-style-type: none"><li>• Attended weekly organization meetings and biweekly mentor sessions while serving as a Summer Youth Leadership Program teaching assistant</li><li>• Mentored students during the summer camp by guiding them through podcast project development and execution</li></ul>	
<b>Girls Junior Varsity Badminton Team at Syosset High School</b>	Mar 2023 – Jun 2023
<i>Team Member</i>	
<ul style="list-style-type: none"><li>• As a doubles player, contributed to the team's first undefeated season in girls' high school badminton history</li></ul>	

## PROJECTS

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<b>Research Paper   Cold Spring Harbor Laboratory</b>	Jul 2024 - Feb 2025
<ul style="list-style-type: none"><li>• 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</li></ul>	
<b>Research Paper   Toshiba Research Competition</b>	2023-2024
<ul style="list-style-type: none"><li>• Collaborated with group members to conduct a research paper on proposing a Smart Service on the gas pump</li><li>• Developed a concept for a new design with disposable recyclable plastic materials on the pulp handle</li><li>• Integrated an AI service system to assist customers in avoiding direct contact with the gas pump</li></ul>	
<b>Research Paper   Final Paper for Research 2</b>	2023-2024
<ul style="list-style-type: none"><li>• 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</li><li>• Graphs are made to show the maximum fluorescence for samples from the data within the chart</li><li>• The paper provides an explanation about the luminescence wavelength that students collected</li></ul>	

## SKILLS

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**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