

# Tsai Ying Lin

Flushing, NY 11355 | 347.410.4235 | tlin414@gatech.edu | Citizen

## OBJECTIVE

Computer Engineer with a strong foundation in software development, problem-solving, and system design. Collaborative with a proven ability to deliver timely and effective solutions in team-based environments. Successful in competing in multiple math competitions. Seeking an internship for Summer 2026.

## EDUCATION

<b>Georgia Institute of Technology (GT)</b> , Atlanta, GA <i>Bachelor of Science in Computer Engineering</i>	August 2025 – Present
<b>SUNY Stony Brook University (SBU)</b> , Stony, NY <i>WISE Honors Program, Transfer with 68 credits, GPA 3.72/4.00</i>	August 2024 – May 2025

## SKILLS

**Programming:** Java, Python, HTML, CSS, JavaScript  
**Software:** GitHub  
**Languages:** Mandarin (native), English (fluent), Japanese (beginner), Spanish (beginner)

## EXPERIENCE

<b>Girls Who Code and Athenahealth   Online</b>	May 2025 – June 2025
<ul style="list-style-type: none"><li>Participated in a three-week career readiness program focused on innovation in healthcare</li><li>Gained hands-on experience through workshops on social determinants of health and healthcare systems</li><li>Co-developed a tech-driven solution addressing key SDoH challenges, presented at a final showcase to industry professionals</li></ul>	

## PROJECTS

<b>Interactive Story Map</b>	February 2025 – March 2025
Technologies: HTML, CSS, JavaScript	
<ul style="list-style-type: none"><li>Designed and developed an interactive website to raise awareness about online surveillance and personal data protection</li><li>Integrated Leaflet.js for dynamic mapping features and Chart.js for data visualization</li><li>Managed version control and collaborated effectively on project tasks using Git and GitHub</li></ul>	
<b>Interactive Web Game</b>	April 2025 – Present
Technologies: HTML, CSS, JavaScript	
<ul style="list-style-type: none"><li>Built a multi-game platform featuring user registration and adaptive gameplay modes</li><li>Worked in a collaborative, team-based environment to plan, divide, and assign project tasks successfully</li><li>Integrated dynamic UI features such as sound controls and theme selection to enhance player engagement and interactivity</li></ul>	

## ACTIVITIES

<b>Shuang Wen PS 184M</b> , Online	October 2022 – May 2023
Tutor	
<ul style="list-style-type: none"><li>Provided one-on-one math tutoring to elementary and middle school students</li><li>Created and delivered 30+ customized teaching materials tailored to individual student needs</li><li>Communicated regularly with parents and teachers to track progress and adjust learning strategies</li></ul>	

## RELEVANT COURSEWORK

Foundations of Computer Science: Honors, Computer Science A: Honors, Applied Linear Algebra, Survey of Probability and Stat, Finite Mathematical Structures, Data Structure and Algorithms, Digital System Design, ECE Discovery Studio, Intro Multivariable Calc