

# Tsai Ying Lin

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## 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

**Georgia Institute of Technology (GT)**, Atlanta, GA August 2025 – Present  
*Bachelor of Science in Computer Engineering*

**SUNY Stony Brook University (SBU)**, Stony, NY August 2024 – May 2025  
*WISE Honors Program, Transfer with 68 credits, GPA 3.72/4.00*

## SKILLS

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

## EXPERIENCE

**Girls Who Code and Athenahealth | Online** May 2025 – June 2025

- Participated in a three-week career readiness program focused on innovation in healthcare
- Gained hands-on experience through workshops on social determinants of health and healthcare systems
- Co-developed a tech-driven solution addressing key SDoH challenges, presented at a final showcase to industry professionals

## PROJECTS

**Interactive Story Map** February 2025 – March 2025  
Technologies: HTML, CSS, JavaScript

- Designed and developed an interactive website to raise awareness about online surveillance and personal data protection
- Integrated Leaflet.js for dynamic mapping features and Chart.js for data visualization
- Managed version control and collaborated effectively on project tasks using Git and GitHub

**Interactive Web Game** April 2025 – Present  
Technologies: HTML, CSS, JavaScript

- Built a multi-game platform featuring user registration and adaptive gameplay modes
- Worked in a collaborative, team-based environment to plan, divide, and assign project tasks successfully
- Integrated dynamic UI features such as sound controls and theme selection to enhance player engagement and interactivity

## ACTIVITIES

**Shuang Wen PS 184M**, Online October 2022 – May 2023  
Tutor

- Provided one-on-one math tutoring to elementary and middle school students
- Created and delivered 30+ customized teaching materials tailored to individual student needs
- Communicated regularly with parents and teachers to track progress and adjust learning strategies

## 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