

# Michael Yu Wei

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## EDUCATION

<b>Georgia Institute of Technology</b> <i>Bachelor of Science in Computer Science</i>	May 2028 Atlanta, GA
<b>Relevant Coursework:</b> Introduction to Object-Oriented Programming, Linear Algebra	
<b>Ward Melville High School</b> <i>Honors Graduate, Excellence in Data Structures</i>	June 2025 East Setauket, NY
<b>Relevant Coursework:</b> Data Structures, Differential Equations, Multivariable Calculus	GPA: 104.6

## TECHNICAL SKILLS

<b>Languages:</b> Java, Python, C++, JavaScript, TypeScript, CSS, HTML
<b>Frameworks:</b> React, Next.js, Tailwind CSS
<b>Developer Tools:</b> Git, Firebase, Vercel, Postman, VS Code, IntelliJ, IDLE
<b>Libraries:</b> Swing, Processing, SciKitLearn, PyTorch, Pandas, NumPy, PyGame

## EXPERIENCE

<b>GTGuessr Web Developer</b> <i>WebDev @ GT</i>	Sep. 2025 – Present Atlanta, GA
<ul style="list-style-type: none"><li>Developing a web application where the user determines campus location based on a student-submitted photo</li><li>Linking application to Firebase authentication, Firestore, and Cloud Storage APIs to save images and user data</li><li>Designing and developing login and game UI using Figma, React, Next.js, and Tailwind CSS to foster a competitive spirit among the university community</li></ul>	
<b>Natural Language Processing Research Lead</b> <i>University of Groningen, Netherlands</i>	June 2023 – Nov. 2023 Remote

## PROJECTS

<b>Sprout</b>   <i>React, Next.js, Tailwind CSS, Firebase, Gemini API</i>	Nov. 2025
<ul style="list-style-type: none"><li>Developed an AI brainstorming mentor in 36 hours with a whiteboard-style interface that asks guiding questions</li><li>Implemented a drag-and-drop graph design for idea blocks using React components and an HTML canvas</li><li>Engineered a connection to Firebase API, authentication, and Vercel hosting to publish and secure the website</li></ul>	
<b>DocSearch</b>   <i>Python, Gensim, SciKitLearn, NLTK, Pandas, NumPy, Regex, HTML, CSS</i>	June 2023 – July 2023

## LEADERSHIP AND COMMUNITY ENGAGEMENT

<b>Coding Club President, Instructor, Webmaster</b> <i>Long Island Youth Development Inc.</i>	Aug. 2023 – June 2025 East Setauket, NY
<ul style="list-style-type: none"><li>Partnered with a nonprofit organization to teach Java and Python coding languages virtually to 24 students from 5<sup>th</sup> to 10<sup>th</sup> grade with the mission of inspiring creativity and fulfilling curiosity</li><li>Accumulated over 180 hours of community service by teaching, creating class material, and designing the website</li></ul>	
<b>Teacher's Assistant, Go Instructor</b> <i>Stony Brook Center for Chinese Learning</i>	Sep. 2021 – June 2024 Stony Brook, NY