

Krystal Wu

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EDUCATION

Georgia Institute of Technology Atlanta, GA

Bachelor of Science in Computer Science, Dean's List

Threads: Information Internetworks and People

Expected Graduation: May 2026

Relevant Coursework: Object Oriented Programming, Data Structures, Algorithms, Computer Organization and Programming, Databases

EXPERIENCE

Automotive LiDAR, GTRI

January 2025 - Present

- Java, ROS
 - Programmed robot to detect motion and obstacles
 - Apply self-driving skills to robots through testing
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PROJECTS

WanderSync | Full Stack | Java, XML

August 2024 - Present

- Android app that allows users to plan travel itineraries in a collaborative manner
- App creates graphs based on the user's input to track user progress

Personal Portfolio | Full Stack | HTML, CSS

June 2024 - August 2024

- Website showcasing personal achievements, technical skills, and featured projects
- <https://krystallwu.github.io/PersonalPortfolio/>

MrktMind | Frontend Coder | Javascript, CSS, React, HTML

September 2024

- Marketplace website that uses data science to determine the lowest price point periods for users to purchase products tailored to their recently searched items

Hacklytics: Traveraal.ai Hotel Finder | Backend Coder | Python, VS Code, Github

February 2024

- Web app that uses Traversaal.ai's data set and generative ai with Qdrant to run a similarity search based on user input
 - It uses GPT-2 to decode a paragraph explaining to the user why the hotel best suits their search query
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LEADERSHIP

FASET Leader, New Student Transition Program Atlanta, GA

February 2024 - August 2024

- Led and guided 30 groups of 15-25 new students, helping with course registration and adaptation to campus life
- Organized orientation events to boost student engagement and school spirit

Committee Member, Student Center Programs Council Atlanta, GA

January 2024 - Present

- Organized fall concerts and performances for over 3,000 students
 - Developed over 40 events in 4 months (e.g. flower bouquet making and school festivals)
 - Collaborated with council members to introduce students to new events
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SKILLS

- **Frontend:** HTML, CSS, JavaScript, React
- **Backend:** Java, Python, APIs, JavaScript, C, TypeScript, MySQL
- **Tools:** VS Code, Github, Streamlit, Android Studio, Firebase
- **Soft Skills:** Leadership, Time Management, Communication, Adaptability, Self-Motivation