

# 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 and Algorithms, Computer Organization and Programming

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## 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
- **Tools:** VS Code, Github, Streamlit, Android Studio, Firebase
- **Soft Skills:** Leadership, Time Management, Communication, Adaptability, Self-Motivation