

Krystal Wu

678-543-8696 · Krystal.wu.001@gmail.com

LinkedIn: <https://www.linkedin.com/in/krystallwu/>

EDUCATION

Georgia Institute of Technology Atlanta, GA

Bachelor of Science in Computer Science, Dean's List

Threads: Information Internetworks and People

Minor: Financial Technology (FinTech)

Expected Graduation: May 2026

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

EXPERIENCE

Automotive LiDAR, Georgia Tech

January 2025 - Present

- Java, ROS, Python, Linux
 - Programmed robot navigation algorithms using LiDAR
 - Improved obstacle detection accuracy by 20% in autonomous test runs
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PROJECTS

WanderSync | Full Stack | Java, XML

August 2024 - December 2024

- Android app that allows users to collaboratively plan travel itineraries
- Implemented data visualization graphs to help users track trip progress and activity completion

StoreView | Full Stack | Javascript, React, HTML, CSS

February 2025

- Built a web application that calculates impression scores for potential storefront locations
- Integrated data science and analytics to provide insights for business owners

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

September 2024

- Created a marketplace web app leveraging data science to determine optimal price points
- Designed a user-friendly interface for personalized product recommendations

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

February 2024

- Engineered a web app utilizing Traveraal.ai's dataset to enhance hotel search functionality
 - Integrated AI with Qdrant for similarity searches based on user input
 - Leveraged GPT-2 for natural language processing to generate user-friendly explanations
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LEADERSHIP

FASET Leader, New Student Transition Program Atlanta, GA

February 2024 - August 2024

- Mentored over 450 new students during orientation, helping them with personalized guidance
- Reduced course registration errors by 30% through proactive support and walkthroughs
- Boosted event attendance through creative engagement strategies and peer-led icebreakers

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, such as 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, ROS, Postman
- **Soft Skills:** Leadership, Time Management, Communication, Adaptability, Self-Motivation