

Krystal Wu

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EDUCATION

Georgia Institute of Technology Atlanta, GA

Bachelor of Science in Computer Science, Dean's List

GPA: 3.78

Threads: Information Internetworks and Intelligence

Minor: Financial Technology (FinTech)

Expected Graduation: May 2027

Relevant Coursework: Object Oriented Programming, Data Structures, Algorithms, Computer Organization, Databases, Statistics, Project Management Methodology, Finance and Investments, Artificial Intelligence

EXPERIENCE

Mobile Development Intern, Naos Blockchain Inc.

May 2025 - Aug 2025

- Developed Android and iOS app using React Native and Expo
- Created unit tests that improved UI-rendering performance by 25%
- Deployed app and distributed for internal testing

Teaching Assistant for Data Structures and Algorithms, Georgia Tech

April 2025 - Aug 2025

- Led weekly recitation for over 300 Georgia Tech students learning data structures and algorithms
- Debug students code, hold office hours, grade exams and assignments

Automotive LiDAR, Georgia Tech Research Institute

January 2025 - Present

- Used Python and LiDAR to program robot navigation algorithms
 - Leveraged Robot Operating Systems and Arduino to conduct robot movement
 - Improved obstacle detection accuracy by 20% in autonomous test runs
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PROJECTS

WanderSync | Full Stack | Java, XML, Firebase

August 2024 - December 2024

- Worked with a team of 5 students to create an 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 | Python, APIs

February 2025

- Built a web application and algorithm 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

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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SKILLS

- **Frontend:** HTML, CSS, JavaScript, React
- **Backend:** Java, Python, APIs, JavaScript, C, TypeScript, MySQL
- **Tools:** Github, Android Studio, ROS, Postman, Docker, XCode, API, Firebase, MongoDB, Jira
- **Soft Skills:** Leadership, Time Management, Communication, Adaptability, Self-Motivation, Collaboration