

# Krystal Wu

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

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

Personal Website: <https://krystallwu.github.io/PersonalPortfolio/>

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## EDUCATION

**Georgia Institute of Technology** Atlanta, GA

*Bachelor of Science in Computer Science, Dean's List*

**GPA:** 3.75

**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

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## 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 performance by 25% and analyzed app performance

**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 - June 2025**

- 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 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