

Krystal Wu

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

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

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

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

EXPERIENCE

Mobile Development Intern, Naos

May 2025 - Present

- 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 - Present

- 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

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 | 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

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

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