

Korina Goldsmith

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EDUCATION

Georgia Institute of Technology

Atlanta, GA

B.S. in Computer Science - GPA 4.0/4.0

Expected Graduation December 2026

- Concentrating in *Information Internetworks & Artificial Intelligence*
- Relevant Courses: Data Structures & Algorithms, Honors Algorithms, Computer Organization & Programming, Computer Systems & Networking, Intro to AI, Objects & Design, Linear Algebra, Discrete Math

EXPERIENCE

Meta

May. 2025 - Aug. 2025

Software Engineer Intern

Menlo Park, CA

- Developed and deployed a canary testing system for Instagram ads to safely evaluate new ad rendering features, improving reliability and user experience for billions of users.
- Collaborated with engineers to optimize ad rendering performance and precision, directly contributing to increased advertiser revenue and platform trust.

Georgia Institute of Technology – College of Computing

Jan. 2025 - Present

Data Structures and Algorithms Teaching Assistant

Atlanta, GA

- Collaborate with a team of 50 TAs to support the academic success of 1,000+ students each semester.
- Lead 75-minute recitation sessions weekly, reinforcing lecture concepts and facilitating problem-solving.
- Conduct office hours to provide personalized guidance on coursework, lecture materials, and exam content.

Georgia Institute of Technology – School of Interactive Computing

Aug. 2024 - Present

Undergraduate Researcher

Atlanta, GA

- Researching how LLMs can generate explainable outputs and adapt in real-time to user feedback, while designing a model tailored to neurodivergent job seekers to support inclusive interactions.
- Developing a fully functional prototype with *LangChain* and *Flask*, integrating dynamic prompt engineering, customized user workflows, and real-time response optimization to enhance accessibility for neurodivergent users.

Digital Twin Platform Development for Circular Economy Initiative

Aug. 2024 - Dec. 2024

Software Developer

Atlanta, GA

- Developing the digital twin platform for a sustainable bio-plastic bottling plant in the Bahamas.
- Leading software subgroup to create to develop business engagement platform using *Next.js*.

PROJECTS

Restaurant Reservation System | *Java, Javalin, Pebble templates, Bootstrap, HTML, CSS*

- Implemented a fully functioning full-stack restaurant reservation system app using object and design principles.

Spotify Listening Statistics | *Streamlit, Spotify API, Python*

- Built a Streamlit web app using the Spotify API to display user listening history statistics.

LEADERSHIP

Georgia Tech Grand Challenges

Aug. 2024 - Present

Paid Program Facilitator

Atlanta, GA

- Mentor 200+ students and oversee 20+ team coaches, guiding teams in creating impactful year-long projects focused on solving United Nations SDGs.
- Collaborate with professors to continuously improve the curriculum and support team coaches.

Meet Your Neighbors Non-Profit Organization

May 2021 - Aug. 2023

Founder/CEO

International/Remote

- Facilitated global cultural exchange by hosting events and service projects for 100+ members across 5 continents.
- Led meetings and managed team of 20, website, social media, and secured sponsorships from Hershey and ACEI.

TECHNICAL SKILLS

Languages: Java, Python, C, JavaScript, TypeScript, HTML, CSS, PHP

Frameworks: React, Next.js, Django, Flask, LangChain, Streamlit

Developer Tools: GitHub, Docker, VS Code, IntelliJ, Postman, Jupyter Notebook