Korina Goldsmith

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EDUCATION

Georgia Institute of Technology   Atlanta, GA
B.S. in Computer Science - GPA 3.96 / 4.0   *May 2026*
- Relevant Courses: Data Structures & Algorithms, Honors Algorithms, Computer Organization & Programming, Computer Systems & Networking, Intro to AI, Objects & Design, Networking, Database Systems, Procedural Content Generation, Linear Algebra, Discrete Math

Technical Skills: Java, Python, C, JavaScript, HTML, CSS, PHP, SQL | React, Django, Flask, LangChain

EXPERIENCE

Meta   May. 2025 - Aug. 2025
Software Engineer Intern / Instagram Ads Rendering Platform Team   *Menlo Park, CA*
- Developed and launched a critical testing system for Instagram Story ads that safeguards over **1/3 of Instagram's revenue** by detecting issues before they reach production.
- Prevented potential losses of **millions** in daily ad revenue by ensuring stability across Instagram's most profitable and high-traffic rendering paths.
- Directly supported platform monetization and advertiser trust by maintaining consistent ad delivery performance for **billions** of users.

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.

PROJECTS

Digital Twin Platform for Sustainable Bottling Plant | *Next.js, TypeScript, Web Development*
- Built a business engagement platform for a digital twin of a sustainable bio-plastic bottling plant.
- Led the software subgroup, contributing to frontend development using **Next.js**.

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 - May 2025
Paid Program Facilitator   *Atlanta, GA*
- Mentor **200+ students** and oversee **20+ team coaches** while collaborating with professors to guide year-long UN SDG projects and enhance program curriculum.

Meet Your Neighbors Non-Profit Organization   May 2021 - Aug. 2023
Founder/CEO   *International/Remote*
- Facilitated 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*.