

# Korina Goldsmith

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## EDUCATION

### Georgia Institute of Technology

Atlanta, GA

*B.S in Computer Science - 3.93 GPA*

*May 2026*

- Relevant Courses: Data Structures & Algorithms, Honors Algorithms, Computer Organization & Programming, Computer Systems & Networking, Intro to AI, Networking I & II, Database Systems, Computer Graphics, Objects & Design, Procedural Content Generation, Computer Audio, Linear Algebra, Discrete Math, Combinatorics, Statistics, Calculus I, II, & III

**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*.