

# 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 May 2026*

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

## EXPERIENCE

### 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*.

### Candles by Korina

May 2020 - Present

*Founder/CEO*

*Greensburg, PA*

- Responsible for full business management: cost analysis, inventory, marketing, production, and customer service.
- Earned Etsy bestseller title and 50+ 5-star reviews.

## 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 manage 20+ team coaches, guiding teams in creating impactful year-long projects focused on solving United Nations SDGs.
- Collaborate with program founders 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

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

**Developer Tools:** GitHub, Docker, VS Code, IntelliJ, PyCharm, CLion