

# Korina Goldsmith

korina@gatech.edu | linkedin.com/in/korinagoldsmith | github.com/korinagoldsmith

## EDUCATION

### Georgia Institute of Technology

Atlanta, GA

*B.S. in Computer Science - Major 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

Jun. 2023 - Present

*Paid Program Facilitator*

*Atlanta, GA*

- Mentor and guide teams of students in a year-long leadership program focused on innovative problem solving

### Meet Your Neighbors Non-Profit Organization

May 2021 - Aug. 2023

*Founder/CEO*

*International/Remote*

- Facilitated cultural global exchange, hosting events/service projects for over *100 members* worldwide
- 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