

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 & PROJECTS

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 over *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

- Working on an *Agile* team to create an application for Atlanta 501(c)(3) Motherhood Beyond Bars
- Translating *Figma* designs from an experienced designer into fully functional *React* components
- Creating backend functionality using *Node.js*, and employed Server-Side Rendering for optimal user experience

Secure Process Intelligence

Jun. 2023 - Present

Software Engineer Intern

Remote

- Created two internal tools with *Rust*, *React.js*, and *TypeScript* which increased productivity by reverse engineering proprietary solutions for our workflow
- Programmed a microcontroller, using *C* and *Rust*, which uses Modbus to extract data from a monitoring device
- Interfaced with a 4G LTE modem over UART to send collected data to a dashboard for customer viewing

ADDITIONAL EXPERIENCE AND AWARDS

Provost Scholarship: Prestigious merit scholarship awarded to 60 out-of-state students, from a pool of thousands

VIP Member: Member of the Intelligent Digital Communications VIP on the Systems and Operations subteam

Hacklytics 2024: Placed 2nd in the sports track and 3rd in the healthcare track, against 200 other submissions

TECHNICAL SKILLS

Languages: TypeScript, HTML, CSS, Java, C, Rust, SQL, Python, Bash

Frameworks: React, Node.js, Next.js, Nest.js, PostgreSQL, MongoDB, JUnit, Material-UI, ESP-IDF, FreeRTOS

Developer Tools: Linux, Git, GitHub, Docker, AWS, Google Cloud Platform, VS Code, IntelliJ, Agile, Jira