

Sydney Bynoe

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EDUCATION

Georgia State University, College of Arts & Sciences

Atlanta, GA

Bachelor of Science in Computer Science

May, 2025

- Georgia State's Honor's Society since August 2021

RELATED COURSEWORK

- Data Structures
 - Learned essential data structures such as nodes, graphs, arrays, linked lists, stacks, and queues
 - Implemented algorithms such as Breadth/Depth First Search traversals
- Design & Analysis of Algorithms
 - Learned dynamic programming techniques including brute force and decrease-and-conquer
 - Implemented a variety of algorithms to sort, search, and traverse data
 - Determine the time and space efficiency of algorithms using Big O, Big Theta, and Big Omega notation in terms of common complexity classes
- Web Programming
 - Created interactive web applications using HTML forms, JavaScript, Servlets and Java Server Pages, PHP, and MySQL, Web access to Oracle databases, and XML

PROJECT EXPERIENCE

Interactive Recipe Web Application

Atlanta, GA

Web Programming

Oct. 23

- Created a web application and designed visually appealing recipe pages with animated cooking steps and ingredient lists.
- Collaborate with other project members to define and solve program requirements
- Created various functions through the application that implemented the usage of transforms, transitions, and animations

WORK EXPERIENCE

Software Development Intern (Remote)

Atlanta, GA

Starline Ventures

Nov. 23 – Present

- Assisted in building enterprise applications at Starline Ventures
- Collaborated with a skilled development team on real-world projects
- Contributed to coding, debugging, and enhancing software performance

Undergraduate Advisory Board

Atlanta, GA

Department of Middle and Secondary Education | Examining Blackness in STEM

Jan. 23 – Feb 24

- Participated in weekly meeting discussing the overall direction, methodology, and findings of the project
- Provided the researchers with a first-hand perspective on the studied demographic
- Assisted with recruitment strategies including student outreach and creating promotional flyers

GSU Student Worker

Atlanta, GA

Department of Middle and Secondary Education

Oct. 21 – Present

- Providing IT support throughout the office including troubleshooting computer and printer issues
- Tracked expenses and invoices through data collection sheets
- Assisting faculty and staff by providing administrative support by answering inquiries via phone/email
- Performing clerical tasks such as logging packages, monitoring supplies, and scanning/distributing documents

CLUB EXPERIENCE

Reaching for Inclusion – Striving for Excellence (RISE) in Computing Scholars GSU

Atlanta, GA

Member

Sep. 23 – Present

- A cohort-based community supporting undergraduate computing students during their junior/senior year, with a focus on enhancing the experiences of Black women in computing

SKILLS

- Programming Languages: Java, HTML, JavaScript, CSS, Python
- Operating Systems: Proficient in Windows, Linux, Unix
- Computer Hardware: Knowledge in computer hardware components – such as GPUs, CPUs, RAM, and storage devices - and how they operate