# JOIE WHITMON

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## EDUCATION

**SPELMAN COLLEGE**                                                                                        **Atlanta, GA**
*Bachelor of Science, Major in Computer Science, Minor in Mathematics, GPA: 3.8*          **Graduation Date: May 2027**
**Technical Skills:** Python, C++, JavaScript, HTML, CSS, SQL (PostgreSQL), React, Node, Express,
**Relevant Coursework:** Data Structures & Algorithms, Linear Algebra, Computer Science I: C++, Calc I, Calc II, Cybersecurity, Intro to Software Engineering with/ GenAI, Algorithms and System Design

## EXPERIENCE

**META - Meta University Software Engineering - *Intern* - Menlo Park, CA**                **June 2025 - August 2025**
- Developing a full-stack digital equity website using React, Node.js, Express, and PostgreSQL (Prisma) to help users find free to low-cost Wi-Fi; optimized backend queries to reduce API response time by 25%, improving speed and scalability ahead of launch.
- Selected as 1 of the 88 from a competitive pool of 15,000+ applicants, placing in the top 0.6% nationwide based on technical and behavioral evaluations.

**GOOGLE TECH EXCHANGE - *Student* - Remote**                                **January 2025 - Present**
- Selected to participate in a CS education program designed to give students access to cutting-edge industry-backed project-based courses taught by Google engineers. Completed 3 for-credit CS courses in Spring 2025

**GOLDMAN SACHS - Market Madness HBCU Possibilities Summit - *Scholar* - New York, NY**        **January 2025 – April 2025**
- Secured 2nd place out of 20+ HBCU teams, winning a $500K grant for Spelman College, by pitching a $5B strategic acquisition of Acushnet Holdings to expand Amer Sports' golf portfolio
- Analyzed Amer Sports' market position, brand ecosystem, and M&A strategy to identify long-term value opportunities
- Collaborated with 5 teammates to craft a pitch, delivering to Goldman Sachs executives under high-stakes conditions

**CODEHOUSE SCHOLARS INITIATIVE - *Scholar/Collegiate Mentor* - Atlanta, GA**        **July 2023 - Present**
- Selected from an accomplished applicant pool of rising HBCU freshmen CS majors to receive collegiate & industry mentorship and participate in a summer bridge program consisting of accelerated CS classes, professional development classes, and entrepreneurial workshops.
- Group won second place out of 5+ with the app, "CONNECT," prototype at the entrepreneurial pitch deck contest.
- Provide 5-10 hours per month of mentorship to CHSI scholars from HBCUs, guiding their academic & professional development in STEM fields, resulting in improved scholar retention and success by 90%

**CITY OF CONYERS, TECHNOLOGY SERVICES - *Intern* - Conyers, GA**        **August 2022 - May 2023**
- Deployed fake phishing emails to employees; those who failed were required to complete a cybersecurity training, which decreased data loss and increased user awareness by 30%.
- Expedited the onboarding process by 35% through the use of a golden image (pre-configured template)
- Led the comprehensive imaging of all new laptops for the Conyers Police Department, ensuring seamless integration of cutting-edge technology to enhance operational efficiency and support law enforcement efforts.

**ROCKDALE CAREER ACADEMY TECHNOLOGY DEPARTMENT - *Intern* - Conyers, GA**        **August 2021 - May 2022**
- Demonstrated keen ability to engage with and provide technical support to students and faculty, successfully resolving 30+ technical issues and maintaining a high satisfaction rate.
- Streamlined IT infrastructure by proactively identifying and reimaging devices with performance issues, resulting in a 30% reduction in system downtime and a significant boost in overall productivity.
- Improved efficiency by 30% by managing, organizing, and labeling inventory for the entire technology department.

## PROJECTS

**FITNESS APP - Streamlit (Python)**                                                **April 2025**
- Built a Streamlit fitness app with a lab group, integrating Gemini Gen AI and BigQuery to deliver personalized fitness advice and predict user progress with over 80% accuracy.

**FINAL EXAM CALCULATOR - C++**                                                **March 2024**
- Calculates and analyzes students' grade averages to determine required final exam scores to achieve desired grades by implementing user input, computing averages, and weighted contributions, displaying grade breakdowns and percentages, and utilizing features such as input validation and formatted output using the iomanip library.

**VIDEO GAME - p5.js (JavaScript)**                                                **July 2023**
- Integrated p5.collide.js library to create a game where the user collects & avoids objects to win. Utilized if/else statements & loops.

**Affiliations:** Girls Who Code (Treasurer/Mentor), SpelBots (Secretary), NSBE, SWE, Alpha Lambda Delta Honor Society, Ann Fudge Scholar with the Executive Leadership Council Scholar, Management Leadership for Tomorrow, Ethel Waddell Githii Honors Program, The Braven Accelerator, National Council of Negro Women, National Society of Leadership and Success, National Society of Collegiate Scholars, IBM-HBCU Quantum Computing Scholar, ColorSrack, Rewriting the Code, CodePath