

Nia A. Bronson

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EDUCATION

Spelman College

Atlanta, GA

Bachelor of Science: Computer Science

May 2025

Relevant Coursework: Creative Coding (JavaScript, P5.JS), Data Structures and Algorithms, Intro to Database Management System Design, Theory of Programming Languages, Software Engineering, Advanced Software Engineering, Calculus 1, Computer Architecture

Technical Skills: SvelteKit, TypeScript, Python, Kotlin, C++, JavaScript, Java, Node.JS, Flask, SQL, 2D Design, Full Stack Development, Project Management, App Development, Game Design and Development, Docker, Phaser, Unity

PROFESSIONAL EXPERIENCE

Zynga Inc. | *Software Engineer Intern* | Remote

June 2024 - August 2024

- Wrote a technical specification and UI mockups based on application requirements, led a spec review with 7 senior team members, and incorporated feedback resulting in a successful implementation
- Led an end-to-end integration of a third-party Generative AI art tool via API into an existing application, collaborating closely in a development cycle with two interconnected applications critical to the integration, providing feedback that drove iterations utilizing Phaser, SvelteKit and TypeScript, Docker, and Blobs, taking the feature from concept to production (including the technical specification) for an internal web application with 120+ users
- Handled complicated compliance and legal considerations surrounding user data flows, leveraging two internal APIs to mitigate risk
- Collaborated in a 20-person agile-based team, participating in a full software development lifecycle, receiving and applying high-level feedback from software engineers, architects, and the director while using organization tools daily such as Jira, Trooper, and GitHub

The Coca-Cola Company | *IT Business Analyst Intern* | Atlanta, GA

June 2023 - August 2023

- Conducted a comprehensive application usage assessment and used user feedback to enable data-driven insights that were presented to product owners and enhanced user experience and productivity for the employees
- Contributed to the creation of a new beverage formulation system by determining application requirements, then collaborated on implementation using React and Node.js

Microsoft | *Authenticator App Explore Intern* | Seattle, WA

May 2022 - August 2022

- Contributed two new features to Microsoft's Authenticator app in a Software Engineering and Project Management capacity utilizing Figma, Kotlin, and the MS Suite, affecting millions of users on Android devices
- Collaborated with interns and full-time employees to create a better user experience, gaining a better understanding of how team-driven development works in a professional technical setting
- Co-created a service-based intern ERG organization (Microsoft Interns For The Community) which served the greater Seattle area and surveyed the surrounding communities and their respective leaders

EXTRACURRICULAR ACTIVITIES

HBCU Game Jam Organizing Committee | *Co-Chair* | Atlanta, GA

May 2024 - Present

- Producing the 2025 HBCU Game Jam hackathon with two other co-chairs leading a team of 10 in facilitating the run, funding, registration, and administrative needs for the hackathon that will be attended by 200+ students and 50+ partners, sponsors, and college/university faculty
- Working with partners and sponsors from government, corporate, non-profit, and media entities to procure funding, satisfy donor needs, and ensure the monetary and media success for the event

Gradient Gaming Studios | *Co-Founder* | Atlanta, GA

April 2024 - Present

- Developing a turn-based platformer game in a team of three, covering multiple responsibilities including project manager, game art, agile lead, and programmer using Unity for development

PROJECTS AND INITIATIVES

HBCU Game Jam | *Program Manager* | Atlanta, GA

March 2024

- Worked in a 3-person team on a 24-hour game development hackathon, creating the core concepts, mechanics, and ideas behind the idea executed, implementation in Unity, and presenting the game created to over 10 judges and 50 spectators

American Airlines Hackathon | *Backend-Developer* | Dallas, TX

November 2023

- Designed and pitched a comprehensive technical solution for optimizing the American Airlines passenger booking processes leveraging SQL, Node.js, and Flask, utilizing the American Airlines API for mock data, tackling one of the airline industry's most challenging problems: boarding passengers with carry-on luggage