

# Laura Zapata

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## EDUCATION

GEORGIA STATE UNIVERSITY | Atlanta, GA

Graduating December 2025

**B.S. in Computer Science, Minor in Marketing/ GPA: 3.6/4.0**

- **Courses:** Computer Org & Programming, System Level Programming, Database Systems, Design & Analysis of Algorithms, Programming Language Concepts, Adv Computer Graphics, Software Development, Operating Systems, Deep Learning, Software Engineering
- **Honors:** Dean's List, President's List, Tapia Conference Scholarship recipient

## SKILLS

**Languages :** Python , HTML,CSS, C, JavaScript, C, SQL

**Environments:** VS Code, UNIX Terminal, GitHub, Visual Studio, Postgres

**Tools and Frameworks:** Node.js, Figma, Adobe Suite, Blender, Lovable AI, Cursor, Devin, Postman

**Additional:** Spanish language (fluent)

## EXPERIENCE

**Royal Caribbean Group** | IT Oper Exc Support Intern | Miami, FL

May 2025 - Aug 2025

- **Lead and assisted in two special projects.** Conducted a full discovery of a legacy flight tracking application and developed a modernization plan using AI tools such as **Devin AI, Cursor, AI and Lovable** in coordination with business analysts and project stakeholders.
- Built a dynamic project tracking tool for the **Enterprise Architecture team**, transforming a static Excel system into a **functional, JIRA-connected web interface using AI-assisted development tools**. Tool used internally to track projects company-wide and to be published on the RCCL company website.
- Streamlined project tracking and logging process for Royal Caribbean, leveraging AI tools to accelerate development; reduced expected **timeline from several months to just 4 weeks by optimizing requirements gathering, development, and testing.**

**CodePath** | Tech Fellow | Atlanta, GA

May 2024 - Aug. 2024

- **Mentored cohorts of software engineering students on algorithm optimization**, data structures (e.g., graphs, trees, heaps), and coding patterns for technical interviews.
- **Designed and conducted mock interview sessions** focused on **problem-solving under time constraints**, simulating real-world technical assessments.
- Implemented scalable learning resources, such as coding challenges on platforms like LeetCode and HackerRank, to track mentees' technical progress and readiness.
- Contributed to curriculum updates by integrating **industry-standard practices** for software development and interview techniques, improving overall program outcomes.

**Kode With Klossy** | Instructional team intern | Remote

April 2024 - August 2024

- Supported the Kode With Klossy team in developing and **adapting instructional resources, curriculum materials**, and setting them up on Kode With Klossy's Learning Management System for over 100+ instructors and instructor assistants.
- **Supported in the creation and maintenance of instructional leader training** deliverables. Reviewed curriculum and plans for Kode With Klossy coding camps across the United States, working in Airtable, Front, and Notion while also responding to instructional leader requests and questions.
- Acted as a thought partner and provided feedback to program teams on initiatives related to curriculum, instruction, and training.

**RISE In Computing** | Scholar

Fall 2024

- Refined and updated chapter assignments for *Unapologetically Dope: Black Girl in Computer Science*, **contributing to impactful educational content** tailored for young Black women in tech.
- **Engaged in four in-person RISE Workshop Series** focused on career development, technical skills, and mentorship within computing.
- **Attended three in-person RISE academic tutoring** sessions to enhance subject mastery and strengthen core computing competencies.

**Social Media Manager** | Remote

August 2024 - August 2025

- **Managed** two active social media accounts, overseeing content creation, post scheduling, and audience engagement to strengthen brand presence.
- **Developed and executed marketing strategies that led to a 50% increase** in accounts reached through Reels and posts, with 88.2% of reach coming from non-followers and an 11% growth in followers. Boosted engagement by 161.9%, **leveraging optimized content, interactive posts, and strategic audience targeting.**
- **Led** brand collaborations and outreach efforts to secure partnership opportunities and expand visibility. **Oversaw visual branding**, ensuring cohesive aesthetics and messaging across all platforms.

## PROJECTS

**Mini Compiler**

- **Designed and developed a basic compiler** for a custom programming language with arithmetic operations, variables, and control structures.
- **Implemented key compiler phases** including lexical analysis, syntax analysis, semantic analysis, and code generation.
- Utilized Python for its readability and extensive libraries, **enabling efficient prototyping and debugging.**
- **Developed and tested the compiler in Visual Studio Code**, leveraging its tools for debugging and optimization.

**Project Tracker**

- Built a dynamic project tracking website using **Lovable AI, Cursor and Devin AI** integrating with **JIRA**, replacing manual Excel trackers to improve real-time visibility and efficiency.
- Streamlined task management by enabling users to **log in, add, update, and delete projects** with automatic synchronization.
- **Outlined scalable features** including Workfront integration, role-based access, automated reporting, and team messaging.

## INVOLVEMENT

**Women In Technology** | VP Communications

Fall 2024 - Present

- **Create marketing materials**, including flyers and social media content, to **promote events and initiatives.**
- **Develop and execute marketing strategies**, collaborating with the team and co-VP to increase engagement and outreach.
- **Engage with members** through interactive content, fostering community growth and participation.
- **Host and organize events**, ensuring smooth execution and meaningful experiences for members.