

VANESSA SERRANO

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SUMMARY

Computer Science student with a passion for front-end web development and user-focused design. Experienced with HTML, CSS, JavaScript, and responsive UI frameworks. Strong communicator with internship experience building real-world tools in Agile environments.

PROJECTS

- **Vendor Label Validation**, SWE Internship Summer 2025
Publix Super Markets, Lakeland, Florida
 - Created a submenu on Xamarin.Forms on .NET, implemented a feature flag. Used backend API to scan GS1 DataMatrix Barcodes to validate information. Used Xaml, C#, SQL.
 - **Azenda**, Intro to Software Engineering Fall 2024
University of Florida, Gainesville, Florida
 - Team created an interactive web calendar using JavaScript (frontend), Django (backend), and Next.js. Designed responsive UI for students to plan schedules.
 - **AVL Tree**, Data structures and Algorithm Spring 2024
University of Florida, Gainesville, Florida
 - C++ Project designing an AVL tree to insert, delete, search, and traverse through UF student account based on GatorIDS.
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WORK EXPERIENCE

Software Engineer Intern May 2025 - July 2025

Publix Super Markets Technology

- Worked on Retail Fresh Mobile development implementing barcode scanner validation
- Used Xamarin Forms, C#, SQL, XAML
- Experience in Azure Devops, Agile Methodology

Resident Assistant

August 2022 - May 2024

University of Florida, Gainesville, Florida

- Fostered a positive and respectful environment for individuals of diverse backgrounds.
 - Orchestrated events aligned with core values, including managing budgets and collaborating with multiple organizations.
 - Addressed student concerns through effective mediation and crisis management while on-call.
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EDUCATION

Bachelor of Science in Computer Science, Minor in Digital Arts and Sciences

May 2026

University of Florida, Gainesville, Florida

RELEVANT COURSEWORK & CERTIFICATE

- AI Fundamentals Certification
 - Programing Fundamentals 1 & 2, Data structures and Algorithm, Introduction to Computer Organization, AI Fundamentals, Digital Visualization & Culture, Operating Systems, UX Design
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SKILLS

- Languages: HTML, C++, Python, Java, C#, SQL
- Frameworks & Tools: Tailwind CSS, Xamarin.Forms, XAML, Django, Next.js
- Other: Git/GitHub, Figma, Azure DevOps, Agile Methodology