





# Rebecca (Velez) Rodriguez

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I am a Computer Science student at the University of Florida, graduating May 2023, and a Grace Hopper 2022 Student Scholar. While I am particularly drawn to back-end development, web development, and virtual reality, I am open to exploring other areas of specialization. As a Software Engineer, I strive to leverage my passion and unique background to fuel innovation and create impactful code.

## EDUCATION

**Bachelor of Science, Computer Science** May 2021 – May 2023

University of Florida | Gainesville, FL | GPA: 3.9

**Master of Arts & Bachelor of Science, International Affairs** August 2011 – August 2016

Florida State University | Tallahassee, FL | GPA: 3.9

## SKILLS & MEMBERSHIPS

- **Programming Languages:** C++, Java, and Python
- **Web Technologies and Languages:** HTML, CSS, and JavaScript
- **Database Management Systems:** SQL and MySQL
- **Operating Systems:** Windows, macOS, iOS, Android, and Linux
- **Conferences and Memberships:** Grace Hopper Celebration Scholar, Google Latinx Leadership Summit, Society of Women Engineers, Association for Computing Machinery - Women

## GITHUB PROJECTS

- [AVL Tree](#): Created a C++ program that allows the user to insert, remove, search, sort, and print student names and unique IDs in a self-balancing binary search tree
- [3D Terrain](#): Developed a Java program that is a grid of vertex and triangle data creating a 3D terrain algorithmically displayed using Processing software
- [Personal Website](#): Built with HTML5, CSS3, and JavaScript, my website features a responsive design and easy navigation, along with a portfolio section that showcases my projects and skills.

## EXPERIENCE

**ERP Application Developer Intern** January 2023 – Current

University of Florida | Gainesville, FL

- Assisted developers in a collaborative environment analyzing requirements, creating design specifications and prototypes, developing and testing new code, and documenting solutions
- Developed and tested new code that maintained the integrity of the ERP system

**Software Engineer Intern** June 2022 – August 2022

Bank of America | Jersey City, NJ

- Created a Java utility program that accesses, compares, and validates REST APIs in order to improve LoanIQ builder productivity
- Developed a Java application that tokenizes unique passwords using JSON and outputs configuration files to be used across multiple repositories by the LoanIQ team

**Computer Science Instructor** September 2021 – June 2022

Juni Learning | Virtual

- Taught fundamental programming concepts to over 10 students in one-on-one sessions and increased individual comprehension by over 100% in Java, Python, Scratch, and C++