





REBECCA VELEZ

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 R-Velez

 RebeccaVelez

I am a Computer Science student at the University of Florida, graduating May 2023, and a Grace Hopper 2022 Student Scholar. I am particularly interested in back-end development, cybersecurity, and virtual reality, but am open to other fields. As a Software Engineer, my goal is to use my passion and unique background to help drive company innovation and develop code that makes a meaningful impact.

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
- [Parstagram iOS App](#): Developed a Instagram-like application using Swift and utilizing a custom Parse backend that allows the user to post photos and view global photos feed
- [3D Terrain](#): Developed a Java program that is a grid of vertex and triangle data creating a 3D terrain algorithmically displayed using Processing software

EXPERIENCE

ERP Application Developer Intern

January 2023 – May 2023

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++