

## Contact

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github.com/Rebecca-Rodriguez  
(Portfolio)

## Top Skills

Agile  
Software Development Life Cycle  
(SDLC)  
REST APIs

## Languages

English  
Spanish

## Certifications

Oracle Database 12c: Basic SQL

## Honors-Awards

FSU Honors Medallion  
FSU Garnet and Gold Scholar  
Society  
Bank of America Grace Hopper  
Student Scholarship  
Grace Hopper 2022 Student Scholar  
Kamala Scholar

# Rebecca Rodriguez

Software Engineer @ BofA  
New York City Metropolitan Area

## Summary

Collaborative and solutions-driven Software Engineer with experience enhancing and optimizing enterprise-scale financial systems, including LoanIQ. Skilled in Java development, API integration, and SQL optimization, with a focus on improving performance, reliability, and scalability. Adept at root-cause analysis, refactoring complex codebases, and contributing to Agile/Kanban release cycles using Git and CI/CD pipelines. Passionate about building efficient, high-quality software that supports mission-critical lending and payment operations.

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## Experience

Bank of America  
2 years 4 months

Software Engineer II  
July 2025 - Present (4 months)  
New York City Metropolitan Area

- Enhance and refactor core functionality within the LoanIQ Java SDK, writing clean, object-oriented code and extending APIs to improve performance, maintainability, and functionality.
- Analyze and optimize SQL queries in Oracle and SQL Server to improve job performance and resolve data inefficiencies across high-volume lending applications.
- Investigate and resolve complex production issues through root-cause analysis and targeted code improvements, ensuring system reliability and scalability.
- Contribute to regular release cycles by delivering well-tested code enhancements and collaborating with cross-functional teams in an Agile/Kanban environment to ensure technical quality and alignment with business needs.
- Utilize Git and CI/CD pipelines for version control, continuous integration, and deployment automation.

Software Engineer I

July 2023 - June 2025 (2 years)  
New York City Metropolitan Area

University of Florida  
ERP Application Developer Intern  
January 2023 - May 2023 (5 months)  
Gainesville, Florida, United States

- Researched Git/GitLab and conducted a presentation and live demo showcasing the software's key features and benefits, including its ability to streamline collaboration, version control, and deployment processes.
- Reviewed and analyzed audit reports during region refreshes, identifying and resolving issues to data breaches and other security incidents.
- Installed and configured an Elastic/Kibana server on a Linux subsystem, leveraging advanced knowledge of Linux administration to optimize the organization's data analysis and visualization capabilities.
- Deployed a standalone PeopleSoft server on a Linux virtual machine to provide stakeholders with a comprehensive, hands-on exploration of the latest features and functionality offered in the software's newest release. Additionally, the deployment process involved rigorous testing and quality assurance measures to ensure optimal performance and stability of the software.

Bank of America  
Software Engineer Intern  
June 2022 - August 2022 (3 months)  
New York City Metropolitan Area

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

Juni Learning  
Computer Science Instructor  
September 2021 - May 2022 (9 months)

- 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++.
- Created assignments and projects integrating learned concepts, including loops, recursion, classes, inheritance, and methods.

## CodePath.org

### Tech Fellow

June 2021 - December 2021 (7 months)

- Instructed a semester-long iOS mobile application development course to help students build three functional apps while focusing on design and implementation of RESTful API clients.
- Collaborated closely with Regional Program Manager and CodePath.org operations team to support, assess, and improve the student learning experience

## University of Miami, Miller School of Medicine

### Manager, Research Support

August 2018 - September 2021 (3 years 2 months)

Miami, Florida, United States

- Implemented and outlined effective communications strategy to reach established All of Us Research Program goals and objectives.
- Measured campaign effectiveness by utilizing Google Analytics, URLs with UTMs, QR codes, SMS keywords, and short URLs.
- Designed visuals using Adobe Creative Cloud applications and services.

## Florida State University

### Assistant Director, Honors Program

December 2016 - July 2018 (1 year 8 months)

Tallahassee, Florida, United States

- Strategized program requirements and pushed for improvements within our organization procedures by working closely with senior leadership.
- Managed the FSU Honors website by using the open source CMS platform Drupal and Bootstrap leading to increased website engagement and click rates.

## Florida State University

### Teaching Assistant, International Programs

August 2015 - May 2016 (10 months)

Tallahassee, Florida, United States

- Worked closely with professor to develop an updated lesson plan for the "First Year Abroad" program and provide full support as-needed with any and all instructional responsibilities.

## Florida State University

### Project Conversation Intern, Center for Leadership and Social Change

December 2014 - May 2015 (6 months)

Tallahassee, Florida, United States

- Encouraged students and faculty to facilitate discussion based on social justice awareness issues and worked with students on how to discuss "hot topics" in a respectful way.

Florida State University

Orientation Leader, New Student and Family Programming

January 2012 - January 2013 (1 year 1 month)

Tallahassee, Florida, United States

- Coordinated and managed multiple networking events to facilitate relationship building among new and existing students.

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## Education

University of Florida

Bachelor of Science - BS, Computer Science · (2021 - 2023)

Florida State University

Master's Degree, International Relations and Affairs · (2015 - 2016)

Florida State University

Bachelor's Degree, International Relations and Affairs · (2011 - 2015)

Florida State University

Bachelor's Degree, Japanese Language and Culture · (2011 - 2015)

Florida State University Honors Program