Rey Christopher D. **Aparece**

Columbia University CS '23 · Software Engineer · Veteran

New York, NY · Houston, TX

(346) 664-1678 | rcda.civ@gmail.com | ApacheR122 | rcda

Education

Columbia University *New York, NY*

B.A. in Computer Science, Software Systems Track *Jul. 2020 - May. 2023*

- *Relevant Coursework*: Data Structures & Algorithms, Computer Organization & Architecture, Programming Languages & Translators, Distributed Systems, Operating Systems, Intro to Databases, Advanced Databases, Cloud Computing

Technical Skills

Programming Languages	C++, Python, JavaScript
Cloud Platforms	GCP
Devops Tools	Docker, Git, GitHub, Azure DevOps
Databases	PostgreSQL
Web Development Frameworks	Express, Django
Other Tools	Jira

Experience

Software Development Engineer

WEX Health *Jul. 2023 - Aug. 2024*

- Engineered advanced iOS applications using Swift and Objective-C, elevating user engagement through optimized MVC and MVVM designs to drive a 15% increase in usage.
- Enhanced CI/CD pipeline efficiency by 35% through improved unit test coverage, diminishing critical errors and stabilizing product releases.
- Automated development workflows utilizing Microsoft Azure and Jenkins, significantly reducing task complexity and fostering enhanced collaboration within the team.
- Partnered with cross-functional teams to refine back-end integrations, resulting in superior app performance and security enhancements for client data.

Software Engineer Intern

WEX Health *Sep. 2022 - Jul. 2023*

- Developed a scalable test automation suite using Python and Selenium, achieving a 30% reduction in manual testing efforts while ensuring high software quality.
- Authored C# test scripts for identifying critical API performance issues, bolstering the WEX Partner Benefit Analytics portal's reliability and user experience.
- Automated extensive database validations ensuring 99% accuracy in SQL stored procedures, directly enhancing overall data integrity of applications.
- Participated in Agile/SCRUM methodologies, contributing to rapid prototyping and iterative releases, vital for delivering high-quality software solutions.

Base Expeditionary Targeting and Surveillance Systems Operator and Team Leader

United States Army *Apr. 2014 - Apr. 2020*

- Led teams in managing advanced surveillance systems while deployed, integrating ISR technologies to enhance operational effectiveness in high-pressure environments.
- Automated real-time data collection and analysis processes for surveillance systems, providing strategic insights that improved mission success rates.
- Instrumental in implementing geospatial intelligence methodologies, increasing situational awareness and operational coordination across diverse teams.
- Awarded the Army Achievement Medal for exceptional leadership and unwavering commitment to operational excellence during critical missions in diverse environments.

Projects

QuackieChattie (Android and iOS)

Individual Developer *2022-2023*

- Designed and developed a multi-user chat application for both Android and iOS with Swift and Kotlin, enhancing real-time communication capabilities.
- Built a scalable server with Node.js using the Express.js framework, deployed on Heroku for efficient management of session data and connections.
- Utilized PostgreSQL on Heroku for robust database management, ensuring quick data retrieval that aligns with high-performance app requirements.