Rey Christopher D. **Aparece**

Columbia University CS '23 · Software Engineer · Veteran

New York, NY · Houston, TX

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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	Python, JavaScript, Swift, C#, Objective-C
Devops & Ci/Cd	Git/GitHub, Docker, Azure DevOps, Jenkins
Cloud And Infrastructure	AWS, Microsoft Azure, Kubernetes
Testing Frameworks & Methodologies	Selenium, JUnit, Pytest

Experience

Software Development Engineer

WEX Health   *Jul. 2023 - Aug. 2024*

- Developed iOS features for an HSA trading platform using Swift and Objective-C, enhancing user engagement by optimizing UI/UX design.
- Increased unit test coverage by 35% through systematic testing, leading to a 40% reduction in critical error rates during CI/CD processes.
- Optimized development workflows utilizing Azure, Jenkins, and other tools, effectively cutting integration task time by 15% and boosting collaboration.
- Collaborated with Visa to integrate PCI-compliant card provisioning, significantly enhancing both mobile platform security and scalability.
- Managed deployments and automated processes with Azure DevOps, resulting in faster feature delivery through enhanced CI/CD efficiency.
- Leveraged necessary tools like Figma, Splunk, and Jira to streamline processes, significantly improving task management and project tracking methodologies.

Software Engineer Intern

WEX Health   *Sep. 2022 - Jul. 2023*

- Developed a test automation suite using Python and Selenium, which reduced manual testing workload by 30% and increased feature reliability.
- Created C# test scripts to uncover API performance issues in the WEX Partner Benefit Analytics portal, contributing to user experience improvements.
- Automated performance testing processes with Python, allowing for comparisons between Pre-Prod and Prod environments, enhancing stability effectively.
- Participated in Agile/SCRUM practices that accelerated release cycles, actively contributing to meetings and process improvements in software delivery.

Base Expeditionary Targeting and Surveillance Systems Operator and Team Leader

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

- Managed surveillance operations using advanced targeting systems while forward-deployed, enhancing real-time intelligence and mission success rates.
- Integrated complex ISR software into existing systems for improved data analysis, leading to strategic intelligence enhancements during missions.
- Streamlined automation processes for data scanning, allowing for passive surveillance improvements and significant intelligence data collection.
- Awarded the Army Achievement Medal for exceptional leadership and technical skills demonstrated in high-pressure environments during operations.

Projects

Resume Optimization and Compilation Tool

Individual Developer   *In active development*

- Designed a resume optimization tool leveraging OpenAI's API to tailormake content for ATS compatibility, enhancing job application success.
- Utilized Node.js and Docker to create a robust environment for compiling user resumes into well-structured PDFs, improving user experience.
- The tool analyzes user resumes against job descriptons to provide actionable feedback, promoting continuous learning and improvement in applications.
- Integrated Google Sheets API to track job applications, illustrating the automation of processes to enhance personal efficiency throughout the job search.