

CHRISTOPHER REBOLLAR-RAMIREZ

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EDUCATION

| University of California San Diego | La Jolla, California |
|--|--------------------------------|
| Bachelor of Science in Mathematics & Computer Science | Expected Graduation, June 2026 |
| <ul style="list-style-type: none">Related Coursework: Advanced Data Structures in C++, Algorithm Design & Analysis, Discrete Structures, Software Engineering | |
| Bachelor of Science in Cognitive Science with a Specialization in Machine Learning and Neural Computation | |
| <ul style="list-style-type: none">Related Coursework: Supervised Machine Learning Algorithms, Machine Learning in Practice using Python, Practical Data Science with Python | |

SKILLS

Programming: C++ | Python | Java | HTML, CSS, and JavaScript | TypeScript | Swift
Developer Resources: GDB Debugger | JDB Debugger | Valgrind | GPROF | Github | React.js | Node.js | React Native | DynamoDB | MongoDB | SQL | AWS | Docker
Platforms: Linux, MacOS, Windows
Professional Skills: Communication | Adaptability | Time Management | Attention to Detail | Critical Thinking | Teamwork
IT-Related: PC Core Hardware A+ Cert and PC Operating System A+ Cert, Network Fundamentals

Experience

| JMG Landscape | San Diego, California |
|---|-----------------------|
| App Developer Intern | Jun 2024 – Sept 2024 |
| <ul style="list-style-type: none">Co-developed and deployed JMGWorkSpace, an iOS app using Swift and SwiftUI.Pioneered a Trie-based search feature that revolutionized search efficiency, cutting retrieval times by 50%.Created a PDF invoice generator feature, reducing billing time by 70% and increasing client satisfaction by 15%.Developed a routing feature that optimized service team schedules, reducing travel time by 30% and enabling 15% more tasks to be completed daily.Researched App Store deployment and applied for the Apple Developer Program.Coordinated bi-weekly meetings to achieve 5 key milestones on schedule, enhancing project efficiency by 20%. | |

Projects

| DayByDay Full-Stack Web App | San Diego, California |
|---|-----------------------|
| Solo Project | Jul 2024 – Oct 2024 |
| <ul style="list-style-type: none">Developed a responsive frontend with React.js, achieving 20% faster load times and a 15% increase in daily task management usage.Built a robust backend using Python Django and AWS DynamoDB, supporting 20+ active users daily with 30% more efficient data handling and storage.Implemented secure user authentication with Django and JWT tokens, achieving a 99% login success rate and minimal unauthorized access.Integrated OpenAI API and WebSockets for a real-time chatbot, boosting productivity by 30% and improving user retention by 10%.Conducted unit testing, achieving 95% code coverage and identifying 20% more bugs, resulting in a 30% reduction in post-deployment issues. | |

LEADERSHIP & EXTRACURRICULAR ACTIVITIES

| SkillsUSA Competitions | Los Angeles, California |
|--|-------------------------|
| Competitor/Mentor | January 2019 |
| <ul style="list-style-type: none">Competed using C++, placing 3rd among 20 participants at the regional and state levels, demonstrating proficiency in program design and problem-solving. | |