

Erick A. Cifuentes

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EDUCATION

Columbia University

New York, NY

Bachelor of Arts in Computer Science

Expected May 2025

- **Honors:** Hispanic Scholar Fund Scholar, Gates Scholarship Award Recipient, QuestBridge National College Match Scholar
- **Relevant Coursework:** Data Structures and Algorithms, Linux/UNIX Programming, Open Source Development, Complexity Theory, Analysis of Algorithms, Clean Object-Oriented Design, Databases, UI Design
- **Mathematics Coursework:** Multivariable Calculus, Discrete Mathematics, Linear Algebra, Probability Theory, Stochastic Processes

EXPERIENCE

Oracle

Redwood City, CA

Technical Publications Software Developer Intern

May 2024 - Present

- Development position for Global Business Unit within the Cloud Business Software Suite
- Testing and documenting the Generative AI tool ([Text Enhance](#)) before its official release with the Prompt Engineering team
- Full-Stack restructuring and styling of the Developer Resources Hub for SuiteCloud developers
- Creating and improving SuiteScript Code Samples for thousands of NetSuite businesses and their custom projects

Air AI

New York, NY

Quality Assurance Software Engineer

Nov. 2022 - May 2023

- Quality assurance and software engineer who also works with clients to improve their businesses using AI.
- Full-Stack Development & Product Managing: [Midas](#) and [Air.ai](#)
 - Analyze data and applications to create solutions and innovations for products while communicating with clients to increase their profits, reach more consumers, and use our technology and data to help improve their businesses, tailoring our support to their markets and industry.
- Front-end Development: [Air.ai](#)

PriceSmart

San Diego, CA

Data Science Software Engineer Intern

Jun. 2022 - Aug. 2023

- Brought on the development team for a solo-project to create a product and pricing management application.
- Full-Stack Development: Price-Gun (Internal Tool)
 - React: Main web page created using TypeScript and Tailwind CSS
 - Java: Dynamic database API to use throughout PriceSmart created using Java Spring Boot and GraphQL, data from Excel, imported and manipulated using SQL.

rSchoolToday

New York, NY

Software Engineer Intern

Feb. 2022 - Feb. 2023

- Created donations platform, notifications system, and FAQ for schools managed by rST.
- Front-End Applications: [School Finder](#) & [Knowledge Base](#)
 - [School Finder](#): Search query tool for 20,000 schools for all rST services and landing page for nationwide donations project
 - [Knowledge Base](#): FAQ-style web page for admin and consumers for all things rST.
- Backend Development: Dynamic and Deployable Database and REST APIs
 - Database: Serves as hub for all rST data of 20,000+ schools for all applications and repositories
 - REST API: Serves as the access point for GET/POST Requests, and other data to be used throughout rST applications

PROJECTS

Polyphony

Python, JavaScript, CSS, HTML, SQL, Machine Learning

- Music recommendation application using an in-house Machine Learning Model with Spotify Recommendations
- Python backend calculates linear regression models to match the users current feelings with a song recommendation using their Spotify library
- Led, planned, and programmed the full-stack development for DevFest at Columbia University 2024

SKILLS, ACTIVITIES & INTERESTS

- **Technical Skills:** Java, Python, C, JavaScript, TypeScript, SQL, HTML, CSS, HTTP, Unix, POSIX React, git, Prompt Engineering, SuiteScript. Vim, GraphQL, npm, yarn, Jest, MySQL, Next.js, NodeJS
- **Activities:** 1st Gen Scholars Mentor, Alpha Kappa Psi Chi Chapter, Columbia Men's Volleyball Club
- **Interests & Skills:** Fluent English, Fluent Spanish, Video Games, Drums/Music, Foodie & Culinary Arts, Astrophysics, Philosophy