Erick A. Cifuentes

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EDUCATION

Columbia University   **New York, NY**
Bachelor of Arts in Computer Science   Expected May 2025
- **GPA:** 3.6 / 4.0;
- **Honors:** Hispanic Scholar Fund Scholar, Gates Scholarship Award Recipient, QuestBridge National College Match Scholar
- **Relevant Coursework:** Data Structures and Algorithms, UNIX/POSIX Programming, Open Source Development, Computer Science Theory Current: Analysis of Algorithms, Clean Object-Oriented Design, Databases

EXPERIENCE

Air AI   **New York, NY**
QA 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
    o 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 - August 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)
    o React: Main web page created using TypeScript and Tailwind CSS
    o 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
    o School Finder: Search query tool for 20,000 schools for all rST services and landing page for nationwide donations project
    o Knowledge Base: FAQ-style web page for admin and consumers for all things rST.
- Backend Development: Dynamic and Deployable Database and REST APIs
    o Database: Serves as hub for all rST data of 20,000+ schools for all applications and repositories
    o REST API: Serves as the access point for GET/POST Requests, and other data to be used throughout rST applications

PROJECTS

Queue-r (Open Source Development Course)
TypeScript, JavaScript, CSS, HTML, SQL
- In-progress open source application to request songs for the host to play on Spotify
- Uses Supabase for host-specific rooms, and the Spotify API to search for songs and request them
- End product includes QR code and link generation for songs to be request and placed directly into the host's Spotify queue

Dynamic HTTP Web Server (Advanced Programming Course)
C, Git, Unix, POSIX, HTTP /1.0 & 1.1
- Multi-client web server, final project for course
- Dynamic query to fetch database files and download them on the user's machine
- Two pronged development of the web server awaiting requests and the user who sends requests

SKILLS, ACTIVITIES & INTERESTS

- **Languages:** Fluent English & Spanish
- **Activities:** 1st Gen Scholars Mentor, Alpha Kappa Psi Chi Chapter, Columbia Men's Volleyball Club
- **Technical Skills:** Java, Python, C, JavaScript, TypeScript, SQL, HTML, CSS, JSON, React, Next.js, git
- **Interests:** Video Games, Drums/Music, Foodie & Culinary Arts, Astrophysics, Philosophy