Alexis Alejandro

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Summary

Computer Science graduate with strong foundations in software development, databases, and systems programming. Proficient in **C++**, **Java**, **Python**, **SQL**, and **JavaScript**. Experienced in building full-stack applications, designing relational databases, and automating operational workflows. Known for strong problem-solving skills, adaptability in fast-paced environments, and a collaborative team mindset.

Education

University of Houston — *January 2022 – December 2025*
B.S. in Computer Science

- **Relevant Coursework:** Data Structures, Algorithms, Operating Systems, Database Systems, Computer Networks, Computer Architecture, Automata and Computation

San Jacinto Community College — *August 2020 – December 2021*
Dean's List

- **Coursework:** Introduction to Computer Science, Programming Fundamentals

Experience

Manager — *Pasadena, TX August 2022 – Present*
Chipotle

- Led and supervised kitchen staff of 10+ employees to maintain food quality and operational efficiency
- Trained new hires across multiple roles and supported grand openings at new locations
- Managed inventory systems and updated daily records to track waste, ordering, and cost control

Scaffolding Helper — *LaPorte, TX February 2018 – August 2019*
Brock Services LLC

- Constructed and dismantled scaffolds ranging from 10 to 50 feet while following job-site safety standards
- Monitored work areas to ensure compliance with safety procedures and hazard prevention practices
- Worked outdoors under strict time constraints and varying weather conditions

Projects

Public Library Database System

- Designed relational database with REST API to manage books, media, and user records

Amazon Product Search Engine

- Built custom search engine using tokenization and inverted indexes to rank product queries

Swift Fitness Tracker App

- Developed full-stack iOS application with SwiftUI and RESTful backend for workout tracking

Digital Phantom Twin for MRI

- Implemented computational phantom model for MRI simulation and quantitative image analysis

Languages and Skills

Languages: C++, C, Java, Python, SQL, JavaScript, Vue

Technical Skills: Data Structures and Algorithms, Relational Database Design, REST APIs, Version Control (Git), Full-Stack Development

Professional Skills: Team Leadership, Adaptability, Time Management, Problem Solving, Fast-Paced Operations