Eric Cruz
Chicago, IL | (312) 307-2931 | cruz.eric0803@gmail.com | GitHub | LinkedIn

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Summary

Eager Computer Science student ready to embark on a career in tech. Familiar with Java, SQL, Python, HTML, CSS, and JavaScript. Seeking entry-level opportunities to apply and expand my skills.

Skills

- **Programming Languages:** Java (Intermediate), JavaScript (Basic), SQL (Basic), HTML/CSS (Intermediate), Express.JS (Basic), Node.JS (Basic)
- **Software & Tools:** Microsoft Office, Windows 10/11 OS
- **Languages:** English, Spanish
- **General:** Detail Oriented, Problem Solver, Cooperative

Education

Saint Xavier University • Expected Graduation: May 2025
Bachelor of Science in Computer Science
GPA: 3.70
Relevant Coursework:

- Principles of Programming I & II (Java)
- Data Structures & Algorithms (Java)
- Unix/Linux Fundamentals
- Relational Database Theory & Design (SQL)
- Web Applications I (HTML, CSS, JavaScript)

Relevant Experience

Bank Account Management System Project - December 2023 – January 2024

- Created a bank account management system which simulated real-world bank functionalities using object-oriented programming principles and data structures.
- The bank account management system allows users to create accounts, perform deposits, withdrawals, and fund transfer operations, and track transaction history and display account details.
- Implemented the project using Java.
- Applied OOP principles like encapsulation, inheritance, abstraction to manage account data efficiently.
- Used HashMap data structure to store and manage multiple accounts dynamically.
- Designed a menu-driven navigation for seamless operations.

Game Store Database Project – September 2023 – November 2023

- Created an Online-Game store simulation by implementing a relational database using SQL.
- Successfully achieved the project's objective of designing a database that stored and managed information about games, including price, system requirements, and description.
- Designed an ERD (Entity-Relationship Diagram) to identify tables, relationships, and constraints.
- Applied normalization (up to 3rd Normal Form) to eliminate redundancy and improve efficiency.
- Received a grade of A