Eric Parsons

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EDUCATION

Houston Community College | Houston, TX
A.S. in Computer Science | GPA: 3.1   **December 2022**
Relevant Courses: Computer Organization, Data Structures, Programming Fundamentals I, II, III, Algorithms & Analysis
University of Houston | Houston, TX
B.S. in Computer Science | GPA: 3.4   **December 2025**
Relevant Courses: Operating Systems, SQL Databases, Software Design.

TECHNICAL SKILLS

Programming Languages: C++ (Intermediate), SQL (Beginner), C# (Intermediate).
Operating Systems: Windows (All), Linux, MacOS, Android.

PROJECTS

POS Pizza Shop| SQL Database Project   **December 2022**
- Collaborated with 4 other team members to develop a functioning website, with integrated SQL database as the back end. The website was coded in PHP, HTML, JavaScript, CSS, and SQL.
- I designed the menu and checkout page, as well as helped with the design of the employee reports queries.
- Our project received the best grade out of all 40 team projects.

Server and Client Entropy Function with Multithreading| Operating Systems Project
- The project was designed to show the ability to implement sockets in an entropy algorithm to allow a client and server to interact with each other.
- The program implemented multithreading on the client side and used forking with child processes.
- Another revision of the project was made that did the same entropy algorithm but mutex semaphores to implement concurrency.

PROFESSIONAL EXPERIENCE

IT Technician | Corporate Apartment Network | Houston, TX   **2015 - 2017**
- Hardware and software troubleshooting and repair for over 200 apartment units, as well as two corporate offices.
- Installed and implemented two redundant Windows Servers for centralized database management.

Broadcast Technician | Katy ISD | Katy, TX   **2013 - 2018**
- Lead a crew of 25 interns to learn how to produce a professional, 8 camera live broadcast with instant replay, live graphics, and paid commercial spots.
- I worked with board members of Katy ISD and Daktronics to put together a video production package for the upcoming Legacy Stadium in Katy.

ABOUT ME

Outgoing

- Besides IT jobs, I have also worked in many positions that have allowed me to use my great communication skills to help people solve a problem they were having.
- I have no issue working in high stress environments, such as retail or pitching an $800k video production package to board members of Katy ISD.

Creative

- When I'm not spending hours in the UH library studying for exams and working on projects, I am a lead singer in a band, and help produce live events for other local musicians. I have an associate in arts from Houston Community College.