

Juan Estrada

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SUMMARY

Highly motivated and results-driven Computer Science student, dedicated to advancing knowledge and expertise in the field of computer science. Eager to secure an internship opportunity that will allow me to apply my knowledge, hone my practical skills, and collaborate on projects.

EDUCATION

B.S. in Computer Science

University of Houston - Clear Lake • Houston, TX • 2024

60 College Credit Hours Earned

San Jacinto College • Houston, TX • 2019

SKILLS

Proficient in: Java

Familiar with: Python, C, C++, C#, Assembly, SQL, JavaScript, HTML, CSS

Basic Linux Command Line Experience

Microsoft Office

Hardware and Software Troubleshooting

PROJECTS

Client-Server Operating System Component

- Created two programs in C that run independently and can perform simple IPC using FIFOs/named pipes to pass information back and forth in a client/server fashion.
- Implemented system calls that simulate OS functions: a semaphore and a message passing facility.

Web Applications

University Course

- Created many web applications using C#, HTML, CSS, and JavaScript with the ASP.NET framework.
- Currency Converter: Converts currency from many different countries.
- Unit Converter: Calculates conversions for many different types of units.
- Flight Scheduler: Web app used to schedule multiple flights that checks for time overlapping issues.

COURSEWORK

Data Structures and Algorithms

Database Systems

Operating Systems

Computer Architectures

Assembly Language

Web Application Development

Network Protocols

Digital Circuits

WORK HISTORY

Fulfillment Center Associate

Amazon

June 2022 - November 2023, Houston, TX

- Receive and put away inventory.
- Get customer orders ready and pack them up.
- Load boxes into trucks for shipment.