Alton Phan

832-488-3926 | altonphan@outlook.com | linkedin.com/in/altonphan | github.com/altonph

EDUCATION

University of Houston   **Expected: Dec. 2024**
*Bachelor of Science in **Computer Science**, Minor in **Mathematics***   ***GPA:** 3.5*

Awards
Deans List (Spring 2023), Deans List (Fall 2022)

Relevant Coursework
Algorithms and Data Structures, Operating Systems, Computer Networks, Data Science and Machine Learning

EXPERIENCE

ACS Absolute Comfort Heating and Cooling   **May 2022 – Sep. 2022**
Data Entry / Receptionist   *Houston, TX*

- Entered approximately **300** records per day into the company database accurately, minimizing errors
- Answered and directed **30+** phone calls daily and recording information, resulting in high customer satisfaction
- Scheduled and managed **100+** appointments and managing communication between techs and customers

H-E-B   **Feb. 2020 – May 2021**
Cashier   *Richmond, TX*

- Processed an average of **35** transactions per hour accurately maintaining a quick and precise checkout process
- Developed strong communication skills by interacting with diverse customers daily
- Thrived in a fast-paced retail environment, quickly adapting to unexpected situations with problem-solving ability

PROJECTS

alton.dev | *HTML, TailwindCSS, JavaScript*

- Built a personal portfolio website with modern visuals and styling for an engaging user experience
- Developed a responsive design using mobile first design philosophy, ensuring seamless viewing on all devices
- Added functionality for interactive animations and effects, enhancing user engagement

Custom Trained AI Chatbot | *Python, Flask, HTML, CSS*

- Created a custom-trained chatbot using OpenAI's GPT-3, capable of engaging in natural language conversations
- Utilized app routing for seamless frontend to backend communication through designated endpoints
- Built a message display system, facilitating conversational transitions and an uninterrupted user experience

Client/Server Decompressor | *C/C++*

- Developed a program using compression/decompression algorithms to achieve efficient data encoding/decoding
- Utilized UNIX multithreading to improve performance by processing data concurrently
- Employed mutexes and condition variables to ensure thread safety and prevent race conditions during execution

LEADERSHIP / EXTRACURRICULARS

Team Lead   **Sep. 2022 - Present**
Code Coogs   *Houston, TX*

- Managed a team of **4** people to collaboratively create assets and content for a game project
- Conducted weekly agile sprints, team meetings, progress discussions, ensuring project goals and timelines
- Monitored stages of development creating a final product, recieving a **14/15** score from club sponsors and judges

TECHNICAL SKILLS

Languages: C/C++, Python, HTML, CSS, R, JavaScript, TypeScript
Frameworks: TailwindCSS, React, Next.js, Flask
Developer Tools: Git, GitHub, Linux, VS Code, R-Studio, GameMaker Studio 2
Libraries: pandas, NumPy, OpenAI, PyPDF2, Pycryptodome