Alton Phan

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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   **May 2022 – Sep. 2022**
Data Entry / Receptionist   *Houston, TX*

- Entered approximately **45** records per day into the company database accurately, minimizing errors
- Answered and redirected **20+** phone calls daily, resulting in approximately **92.5** percent customer satisfaction
- Scheduled **125+** appointments a month and managed communication between technicians 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
- Cultivated exceptional communication proficiency through daily interactions with a diverse customer base
- Thrived in a dynamic and fast-paced retail environment, quickly adapting to unexpected situations

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

Textbook AI Chatbot | *Python, Flask, HTML, CSS*

- Trained a chatbot on textbooks using OpenAI's GPT-3, capable of engaging in natural language conversations
- Utilized Flask app routing for seamless frontend to backend communication through designated endpoints
- Achieved approximately **96** percent precision in textbook parsing and chatbot responses

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 - May 2023**
Code Coogs   *Houston, TX*

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

TECHNICAL SKILLS

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