Alton Phan

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EDUCATION

University of Houston   **Expected: May 2025**
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

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/APIs: pandas, NumPy, OpenAI

PROJECTS

Textbook AI Chatbot | *Python, Flask, HTML, CSS*
- Trained a chatbot on textbooks using OpenAI's GPT-3, enhancing personal learning experience.
- Utilized Flask app routing for seamless frontend to backend communication through designated endpoints.
- Achieved approximately **96%** precision in textbook parsing and chatbot responses.

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.

Client/Server Decompressor | *C/C++*
- Implemented a program using compression/decompression algorithms to achieve efficient data encoding/decoding.
- Utilized UNIX multithreading, processing data concurrently to improve performance by **13%**.
- Received and sent **5** messages using sockets on a locally simulated client and server environment.

LEADERSHIP / EXTRACURRICULARS

Operations Team Member   **Aug. 2023 − Present**
CougarCS   *Houston, TX*
- Managed precise attendance tracking ensuring accurate records of event participation for club analytics.
- Actively engaged in cross-functional teams, contributing to a **11%** percent increase in productivity and efficiency.
- Spearheaded streamlined event setup and breakdown processes, reducing setup time significantly for each event.

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.

EXPERIENCE

ACS Absolute Comfort   **May 2022 − Sep. 2022**
Data Entry/Receptionist   *Houston, TX*
- Entered approximately **35** records per day into the company database accurately, minimizing errors.
- Answered and redirected **20+** phone calls daily, resulting in approximately **92%** customer satisfaction.
- Scheduled **125+** appointments a month and managed communication between technicians and customers.