

Alton Phan

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

EDUCATION

University of Houston

Bachelor of Science in **Computer Science**, Minor in **Mathematics**

Expected: May 2025

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, Express.js, Flask

Developer Tools: Git, GitHub, Linux, Node.js, Figma, VS Code, R-Studio, Jupyter Notebook, GameMaker Studio 2

Libraries/APIs: pandas, NumPy, OpenAI

PROJECTS

FutureSight | MongoDB, Express.js, React, TypeScript, Figma

- Worked in a team of 4 to produce a full stack web application for Capital One's financial hack challenge.
- Implemented a recommendation questionnaire to provide personalized career suggestions.
- Provided users with the most recent financial government data, utilizing the Labor of Bureau Statistics API.

Textbook AI Chatbot | Python, Flask, HTML, CSS

- Trained a chatbot on textbooks using OpenAI's GPT-3 API, 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.

LEADERSHIP / EXTRACURRICULARS

Operations Team Member

CougarCS

Aug. 2023 – Present

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

Code Coogs

Sep. 2022 – May 2023

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

Data Entry/Receptionist

May 2022 – Sep. 2022

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.