

Andrew Nguyen

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EDUCATION

Bachelor of Science in Computer Science

University of Houston, College of Natural Sciences and Mathematics

Anticipated Graduation: Spring 2024

SKILLS

Programming languages: Python, C++ (strong proficiency); HTML, CSS, JavaScript (basic proficiency)

Technologies: PyCharm, Visual Studio, Visual Studio Code, React.js, Bootstrap (basic proficiency)

PROJECTS

Post Office Database

HTML, CSS, Javascript

March 2023 – May 2023

- Worked with a team of 4 to design and implement a package handling system which allows users to track the data of incoming and outgoing packages.
- Assisted in creating a database for the website by using SQL to store package information.
- Led the implementation of front-end design by using HTML and CSS to create a seamless user experience.

MuSentiment

Python, BeautifulSoup, Matplotlib, Pandas

October 2021

- Collaborated with team of 4 to create data science model identifying correlations between music sentiment of 1500 songs from different time periods to depression and drug use rates. Currently refining model for public health applications.
- Led implementation of BeautifulSoup module to parse drug use data from CDC website.

Stepping Stone

HTML, CSS, JavaScript, React.js

January 2022

- Researched and collated local resources for relief and recovery from covid-related hardships.
- Worked with a team of 4 to deploy website aimed at democratizing knowledge about those resources. Personally managed implementation of JavaScript and React.js to the website.

Pybot

Python, discord.py

June 2021 – September 2021

- Designed, implemented, and deployed automated systems utilizing web APIs to process existing content, generate new content, and extend functionality for Discord, a major online social networking platform.

PROFESSIONAL EXPERIENCE

University of Houston, Houston, TX

IT Customer Service Support

August 2021 – Present

- Troubleshoot and resolve issues with software and hardware for university students and staff.
- Walk colleagues or clients through steps to help them resolve their technical problems.
- Collect and analyze customer information for trends. Synthesize findings into service reports for departmental review.

After School STEM Coders, Houston, TX

Discord Server Moderator

August 2020 – Present

- Co-founded University of Houston's largest computer science society, which was conceived as a communal nexus to address gaps in student experiences during the era of remote/hybrid learning.
- Create professional development, networking, and social opportunities for UH computer science, with special initiatives aimed at expanding opportunities to underrepresented communities.

Walmart, La Porte, TX

Cashier

July 2019 - November 2019; February 2021 – August 2021

- Gained frontline experience with workflows and daily operations of large retail grocery store.
- Managed compliance with legal and corporate standards regarding key activities such as official identification for alcohol/tobacco purchases and handling of cash transactions.

ACHIEVEMENTS

Second Place, TAMU Datathon

October 2021

- Awarded 2nd Place for co-developing MuSentiment project, out of 17 projects.