Daniel Cai

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OBJECTIVE

To obtain a software engineering internship that will allow me to use my relevant experiences, technical expertise, and problem solving skills to further develop my abilities in the field of computer science.

EDUCATION

The University of Texas at Austin   **Expected Graduation Date:** May 2023
Bachelor of Science in Computer Science
Business Minor
Overall GPA: 4.0

Relevant Coursework: Data Structures, Discrete Math, Computer Organization and Architecture, Principles of Computer Systems (Operating Systems), Neural Networks, Computer Programming: Python

SKILLS

Languages
- Proficient in Java, Python, Javascript, HTML, CSS
- Exposure to R, C, x86 Assembly

Technologies
- SQL, Git, Linux, Vim, Pytorch

PROJECTS

Workout Planner - *https://github.com/danielhcai/workout-planner*   July 2020
- Developed an app to plan and track workouts using Python and the Tkinter GUI library
- Used object oriented design principles and a SQL database to store the workouts and exercises

Personal Website - *https://github.com/danielhcai/personal-website*   June 2020
- Created a fully responsive web page with Javascript, HTML, and CSS from scratch
- Used the Bootstrap library for front end design

Huffman Encoder and Decoder   November 2019
- Data structures class project that implemented a compression algorithm for text files in Java
- Utilized data structures such as priority queues and binary trees to encode common characters with fewer bits

Discord Bot - *https://github.com/danielhcai/discord-bot*   February 2019
- Programmed a Discord bot that responds to user messages with Node.js, Discord.js, and multiple web api's
- Stored user and server data using a SQL database

EXPERIENCE

Episcopal High School - *Technology Assistant*   May 2017 – August 2019
- Assisted the Technology Department in preparing for the coming school year
- Repaired over 50 malfunctioning laptops, projectors, and DVD players
- Imaged and distributed over 250 new laptops to be new students and faculty
- Coordinated tasks between coworkers resulting in increased efficiency

ADDITIONAL

Society of Asian Scientists and Engineers - *Active Member*   September 2019 - Present
- Provides Asian-Heritage students support to succeed academically, socially, and professionally as engineers and scientists
- Assisted in the the preparation and execution of fundraising events, raising over $1000 per semester