

# Daniel Huang

College Station, TX  
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## OBJECTIVE

Seeking a Summer 2023 internship position in the field of Computer Science.

## EDUCATION

**Texas A&M University**, College Station, Texas  
Bachelor of Science in Computer Science  
Minor in Japanese  
Cumulative GPR: 3.842

Aug. 2020 – June 2024

Relevant Coursework: Data Structures and Algorithms, Discrete Structures, Linear Algebra, Computer Organization, Intro to Computer Systems, Programming Languages, Programming Studio

## ACADEMIC PROJECTS

**Programming Studio**, Texas A&M University

Oct. 2022 – Dec. 2022

*Restaurant Website with Point-of-Sale System* ([Website link](#))

- Created a website for a local restaurant that allows servers and managers to use a POS system and customers to order from a menu with a team of 6
- Wrote the frontend in the Vue.js framework for JavaScript and the backend with Node.js
- Implemented login functionality and Google Map services using Google API
- Populated a Postgres database hosted by AWS with inventory and order history data
- Created a desktop application version of the POS system with Java

**Data Structures and Algorithms**, Texas A&M University

Fall 2021

*Topological Sort*

- Implemented a graph data structure in C++ based on a map and a templated type Vertex
- Printed the graph with and without topological sort applied

**Data Structures and Algorithms**, Texas A&M University

Fall 2021

*Binary Search Tree*

- Implemented a binary tree data structure in C++ with capability to insert, delete, search for nodes
- Applied DFS and BFS algorithms to print binary trees

## ACTIVITIES

**The 12th Can**, Texas A&M University

Sep. 2020 – Present

- Assist in running a food pantry to get clients their desired food items
- Check in clients at a front office and handled paperwork for clients

**Texas A&M Japanese Language and Culture Club**, Texas A&M University

Sep. 2020 – Present

- Attend weekly meetings to learn about Japanese culture
- Practice speaking conversational Japanese in small groups

**Aggie Coding Club**, Texas A&M University

Mar. 2021 – July 2021

- Developed a communication app targeted for school organizations with a team of 10
- Wrote code in the Dart language and contributed to the codebase via Git
- Implemented a Cloud Firestore database to hold user information and update the app in real time

## SKILLS

Java, JavaScript, C++, and Python