

Dennis Dang

Houston, TX

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Education

Texas A&M University

Expected May 2025

Bachelor of Science in Computer Science; Minor in Cybersecurity

College Station, Texas

- **GPA:** 3.94
- **Relevant Coursework:** Program Designs and Concepts, Data Structures and Algorithms, Computer Organization, Database Systems, Operating Systems, Design and Analysis of Algorithms, Accessible Computing

Technical Skills

Languages: Python, C/C++, HTML, CSS, Java, Haskell, LaTeX, SQL

Technologies/Tools: Git, PostgreSQL, MongoDB, Redis, RStudio, VS Code, Linux

Experience

Texas A&M University College of Engineering

Aug 2022 – Dec 2022

Student Assistant

College Station, TX

- Coordinated with professors and faculty members to facilitate an enriching learning environment.
- Provided personalized assistance to students by thoroughly reviewing their code and offering constructive feedback.
- Led lessons on fundamental programming concepts and coding in Python for a class of 80+ students.

Projects

ShareTea Web Application

Fall 2023

- Collaborated with three other students to convert a prototype point-of-sales desktop application into an accessible web-based application, improving usability for both customers and employees.
- Developed a user-friendly and accessible web application using React, Bootstrap, Axios, and TypeScript, streamlining the ordering experience for customers and enhancing the management system for employees.
- Implemented a database using Java and PostgreSQL in order to store and manage customer and shop information.
- Applied Agile principles to drive iterative development cycles, fostering adaptability and continuous improvement based on user feedback.

ShareTea Point of Sales System

Fall 2023

- Worked closely with three other students to design and create a user-friendly and intuitive point-of-sales system for cashiers and managers at a bubble tea shop.
- Constructed a graphical user interface using Java and JavaFX, and managed database connections with PostgreSQL to ensure seamless interaction between the interface and backend data.
- Communicated with store cashiers and managers to obtain and implement feedback regarding the efficiency of the system.

Aggie Coding Club Recommendation Report

Spring 2023

- Led a team of three other students in conducting comprehensive internal research and the creation of an insightful report with recommendations aimed at elevating the Aggie Coding Club.
- Coordinated with team members and Aggie Coding Club officers to ensure that the recommendations were aligned with the club's core values and future goals.
- Presented the final report to the club's officers and actively engaged in discussions to garner support for the proposed recommendations.

Extracurricular

Aggie Coding Club

Fall 2022 – Present

Member

Texas A&M University

- Actively participated in various computer science-related events in order to learn more about the technology industry.
- Engaged in hands-on workshops to continuously develop my technical skills and explore new programming languages and technologies.
- Joined student-led projects to garner experience in a collaborative environment and to further develop communication skills and teamwork.