

CATHERINE NGUYEN

c.nguyen6895@gmail.com | (408)386-0103 | <https://cmtnguyen.github.io> | www.linkedin.com/in/catherinemtnguyen

Education

San Jose State University | San Jose, CA

Bachelor of Science, Computer Science

August 2019 - May 2022

GPA: 3.93

Relevant Coursework:

CS146: Data Structures & Algorithms

CS149: Operating Systems

CS152: Programming Paradigms

CS157A: Intro to Database Management Systems

CS147: Computer Architecture

CS151: Object-Oriented Design

CS154: Formal Languages & Computability

CS157C: NoSQL Database Systems

Work Experience

Asian Student Achievement | IL

Web Design Intern

October 2021 - Present

- Developed and managed website pages to accurately portray the organization's mission
- Designed site prototypes on Figma to keep track of website design changes

NorCal UVSA | CA

IT Cabinet Staff Lead

July 2021 - Present

- Managed and updated the NorCal UVSA website to match current UX/UI designs
- Created event registration pages, payment portals, and articles to ensure accuracy and accessibility

Computer Science Department @ SJSU | CA

Lab Instructor (CS46B)

August 2021 - December 2021

- Taught students basic data structures in Java using hands-on labs and partner programming
- Ensured students have an adequate understanding of CS course material on pace with CS46B lectures

Jade | CA

UX/UI Designer

August 2020 - May 2021

- Collaborated with the development team to create a SaaS solution for group management
- Designed user flows and site prototypes on Figma curated to user feedback
- Developed React.js and CSS files to create a fully functional website

Leadership Experience

San Jose State University Vietnamese Student Association (SJSUVSA) | San Jose, CA

Anh Chì Em Committee (ACE)

September 2020 - October 2020

- Advertised the program and engaged general members utilizing the ACE Instagram account
- Planned multiple virtual social events
- Resolved internal conflicts amidst the sudden shift to an online setting

Cabinet Intern

February 2020 - May 2020

- Hosted organization meetings and socials with fellow interns
- Learned how to sustain and retain member interest in an organization during a pandemic
- Assisted in running an organization with over 400 members

Projects

Chat Room | Redis, MongoDB, React.ts, Git

July 2021 - August 2021

- Chat room web application that allows for communication between users on the same local storage
- Implemented front-end using React with Typescript
- Designed prototype using Figma to allow other team members to visualize the application and user flow

Banking Management System | JDBC, SQL/PL

May 2021

ATM command-line interface program which uses a DB2 database

- Inserts or manipulates data through different customer functions that can be found on an ATM

Maze Generator & Solver | Java

November 2020

Program that generates and solves a perfect maze

- Takes in a square matrix of user-inputted size
- Returns solved mazes using both Depth First Search and Breadth First Search

Technologies & Skills

- Proficient in React.js
- Detail-oriented with a learning mindset
- Figma, Adobe Photoshop
- Wordpress, Weebly

- HTML/CSS
- Experienced with Object-Oriented Programming
- Strong understanding of Data Structures
- SQL, MongoDB