CATHERINE NGUYEN

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Education

San Jose State University | San Jose, CA   **May 2022**
Computer Science Major (Undergraduate)
    GPA: 3.96
    Coursework: Data Structures and Algorithms, Introduction to Database Management Systems, Object Oriented Design, Introduction to Computer Systems

Projects

Banking Management System | JDBC   **May 2021**
- Developed a command-line interface which connects to a DB2 database and inserts or manipulates data through different customer functions that can be found on an ATM (deposit, withdraw, open account, close account).

Maze Generator & Solver | Java   **November 2020**
- Developed a program which generates a perfect maze using a square matrix of user-inputted size and solves it.
- Demonstrated use of searching algorithms such as Depth First Search and Breadth First Search.

Work Experience

Jade | San Jose, CA
    UX/UI Design   **August 2020 - May 2021**
- Assisted in developing a student program that places project members in groups based on their answers from a custom questionnaire.
- Designed user flows and site prototypes on Figma that are adjusted to user feedback.
- Developed HTML and CSS files to create a tangible website.

Van Lang | San Jose, CA
    Teacher Assistant   **September 2018 - June 2020**
- Collaborated with the teacher to devise and implement developmentally appropriate lessons aligning with the school's philosophy and mission.
- Assisted lead teacher in adjusting and preparing classroom lectures over Zoom during a pandemic.

Target | San Jose, CA
    Seasonal General Merchandise Expert   **July 2019 - August 2019**
- Completed processes accurately with precision, methodically prioritized tasks, and monitored own progress.
- Provided service and a shopping experience that met the customer's needs.
- Learned and adapted to current technological needs.

Hung Vuong Institute | San Jose, CA
    Instructor   **December 2016 - May 2019**
- Coordinated with fellow instructors to develop cohesive education plans and improve support for students.
- Fostered respect, honesty, and discipline to encourage students to develop these characteristics and excel in all aspects of their lives.
- Promoted the school's philosophy and mission by becoming a role model that students and can look up to.

Leadership Experience

San Jose State University Vietnamese Student Association (SJSUVSA) | San Jose, CA
    Anh Chị Em Committee (ACE)   **September 2020 - October 2020**
The ACE program is the mentorship program in Vietnamese Student Association.
- Planned different virtual events for the ACE Program.
- Handled internal conflicts, as more conflicts tend to pop up more in an online setting.
    Cabinet Intern   **February 2020 - May 2020**
- Hosted organization meetings and socials with fellow interns.
- Learned how to sustain and keep member interest in an organization during a pandemic.
- Collaborated in running an organization with over 400 members.

Qualifications & Skills

- Knowledgeable of HTML/CSS, Java, JavaScript, and SQL
- Adept in mastering new technology and tools
- Detail-oriented with a learning mindset

- High ability to perform repetitive tasks efficiently
- Efficient communication and collaboration skills
- Strong organizational and time management abilities