CATHERINE NGUYEN

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Education

San Jose State University | San Jose, CA   **August 2019 - May 2022**
Bachelor of Science, Computer Science   **GPA: 3.93**

Work Experience

Asian Student Achievement | Remote
    Web Design Intern   **October 2021 - Present**
- Design prototypes on Figma, develop, and manage website pages to accurately portray the organization's mission
- Manage the Technology team's projects, deadlines, and reports while immediate director position was vacant
- Onboard and familiarize new Technology Director with the team's projects and duties
- Increase web traffic by 65.4% and user engagement by 55.56%

Computer Science Department @ SJSU | San Jose, CA
    Lab Instructor (CS46B)   **August 2021 - Present**
- Teach 20-30 students basic data structures in Java using hands-on labs and partner programming
- Ensure students have an adequate understanding of CS course material on pace with CS46B lectures

NorCal UVSA | Remote
    IT Cabinet Staff Lead   **July 2021 - Present**
- Update the NorCal UVSA website to match current UX/UI designs
- Create and manage event registration pages, payment portals, and articles to ensure accuracy and accessibility

Jade | Remote
    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 Chị 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

Car-eservation | MongoDB, Express.js, React.js, Node.js, Git   **February 2022 - Present**
    Parking garage automation system that manages parking usage and online reservations for a parking garage
- Lead team of 5 programmers to develop application functions and meet deadlines and weekly goals using Agile SCRUM
- Implement front-end using React.js and CSS
- Design prototypes using Figma

What-To-Do | MongoDB, Express.js, HTML/SCSS, Node.js, Bootstrap   **January 2022**
    To-do list web application that allows authenticated users to keep track of their tasks
- Designed using Figma & Adobe Photoshop
- Includes CRUD operations on Task objects

Chat Room | Redis, MongoDB, React.ts, Node.js, Python 3, Git   **July 2021 - August 2021**
    Chat room web application that allows for communication between two or more authenticated users
- Implemented front-end using React.ts and CSS
- Designed prototypes using Figma to allow other team members to visualize the application and user flow
- Ensured group members met deadlines and weekly goals using Agile SCRUM

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

Programming: Java, Javascript, HTML, CSS, React.js, MongoDB, MySQL
CMS: Wordpress, Weebly

Product: Product Management, Prototyping, Driving Execution, Ideation
Tools: Git, Figma, Adobe Photoshop, Canva