

JOHN DOE

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EDUCATION

University of California San Diego

Bachelor of Science in Computer Science

San Diego, California

Expected Graduation: June 2026

- **GPA:** 4.0
- **Relevant Coursework:** Basic Data Structures, Object-Oriented Design, Software Tools, Systems Programming, Systems Analysis, Front-End Introduction, Linear Algebra, Multivariable Calculus, Discrete Mathematics

PROJECTS/TECHNICAL APPLICATION

Student Health Check-in App

Back-end Developer – MongoDB, NodeJS, ReactJS, ExpressJS, JS, Git

San Diego, California

October 2023 – Now

- Developing the back-end infrastructure for a student health app with JavaScript to smooth requests between the application and back-end server
- Utilizing the MERN stack with other back-end developers to facilitate the development process of the application on a web browser
- Creating REST APIs to facilitate smooth communication between the client application and MongoDB server for efficient data management for the storage and posting of data from multiple users
- Collaborating with a front-end development team for a more cohesive and enjoyable user experience through the integration of user interfaces

Study Buddy Webpage

Front-end Developer – HTML/CSS, Bootstrap

San Diego, California

October 2023

- Developed the front end for a simple web page advertising the uses of a mobile app with example testimonies and press support
- Created the web page using HTML/CSS and the Bootstrap CSS framework to create a responsive and visually appealing website.

VEX Robotics Competition

Programmer – C++

Chula Vista, California

August 2016 – June 2022

- Competed in state-wide competitions against over thirty schools, achieving finals ranking in multiple tournaments across all six years
- Integrated the robot's controls using C++ libraries to ensure precise and reliable control and movement utilizing different control schemes depending on the design
- Implemented real-time, responsive functions to use with a competition-grade autonomous robot on a semi-professional level to use against other competitors

EXPERIENCE

VEX Robotics

Team Leader

Chula Vista, California

August 2021 – June 2022

- Led a team of ten aspiring engineers and interested students in the process of brainstorming, designing, and constructing competition level robots for a variety of tournaments
- Delegated tasks between team members in monthly, high-speed competitions to grant them a variety of experiences and best use their skills
- Educated team members on the basics and intricacies of VEX to create future team leader candidates for future years in the organization

SKILLS & ACHIEVEMENTS

Programming Languages: Java, Python, C, C++, HTML/CSS, JS, SQL

Technical Skills: MongoDB, NodeJS, ReactJS, ExpressJS, Bootstrap, Git, Microsoft Excel, Figma, Bash Scripting, Junit, LaTeX

Achievements: VEX Create Award, UCSD Provost Honors Recipient, California Scholarship Federation Life Member