

David Tran

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Education

University of California San Diego

B.S. COMPUTER SCIENCE, GPA: N/A

San Diego, CA

Sept. 2021 - June 2025

- **Relevant Coursework:** Intro to Programming (Java), Linear Algebra, Multivariable Calculus

Skills

Languages Java, JavaScript, Python

Tools React, Next.js, Git, HTML, CSS

Experience

CodeAsia

Remote

WEB DEVELOPER (VOLUNTEER)

Aug. 2021 - present

- Created React app for nonprofit organization to help establish and grow an online community of Indian students interested in coding.
- Focus on interactive and functional front-end components that align with bold design across all pages.
- Collaborated with team members to develop app features and emphasized mobile-first approach.
- Helped develop an API to handle user registration and email new users an invitation to a Slack workspace with MongoDB.

The Affair Magazine

San Diego, CA

WEB DEVELOPER (VOLUNTEER)

Jan. 2020 - present

- Built static website using HTML, CSS, and JS for student-led 501(c)(3) journalism organization.
- Priority of delivering online content through well-organized blog, which houses select articles from magazine's most recent issues. Users are able to search and sort blog posts by category, title, and author to find relevant content.
- Used XMLHttpRequest API to get JSON representation of blog posts and render appropriate results based on search query.
- Collaborated with design team to brainstorm features for new and existing pages. Ensured responsive design throughout development process.

FIRST Robotics Competition (Team 4139)

San Diego, CA

TEAM MEMBER

September 2017 - June 2021

- Participated actively in 3 FRC seasons throughout high school.
- Team of 20+ students, design and construct a 120 lb robot in six weeks for competition.
- Involved in software development for team robot. Responsible for writing and testing robot code, and mentoring new team members.
- Used WPILib robotics library for Java to implement robot features, including teleoperated control of motors and drivetrain, and integrating/displaying encoder, ultrasonic, and other sensor data for semi-autonomous movement.