

# Ryan Truong

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## EDUCATION

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### University of California San Diego

San Diego, CA

*B.S. in Bioinformatics, Minor in Computer Science*

*September 2019 – June 2023*

- GPA: 3.91/4.00
- Relevant Coursework: Advanced Data Structures and Algorithms, Design and Analysis of Algorithms, Software Engineering, Mathematics for Algorithms and Systems, Software Tools and Techniques Laboratory, Discrete Mathematics
- Relevant Certifications: Fundamentals of Backend Engineering, Python on the Backend

## EXPERIENCE

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### ACM at UCSD

San Diego, CA

*Frontend Developer*

*June 2022 – Present*

- Worked on a team of student developers to maintain and update the website of UCSD's ACM Chapter
- Ensured functionality of the website was maintained, information was updated, and new features were added
- Leveraged React, Redux, Next.js, and TypeScript to continuously integrate new features and update the main website
- Allowed over 1000+ students to find a community and learn about potential events of interests

### Code Ninjas

San Diego, CA

*Code Sensei*

*March 2022 – Present*

- Assisted over 50+ young students in their early stages of coding to solve JavaScript, C# (Unity), and Scratch curriculum
- Taught students the fundamentals of programming, debugging, and software engineering by solving game design related problems
- Obtained positive feedback via parents in relation to their child's motivation to pursue programming, improvement in problem solving, and ability to write code

## PROJECTS

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### LitHub Music Notetaker | [GitHub](#)

September 2022 – December 2022

- Worked with a team of developers to create a file organization and note taking app for musicians
- Emphasized on design and frontend functionality which entailed creating wireframes, implementing user-facing features, and maintaining proper user flow
- Leveraged Electron alongside with JavaScript, HTML, and CSS to create a downloadable, functioning desktop application

### SPACE Website | [Website](#) | [GitHub](#)

July 2022 – November 2022

- Developed a website for students and companies attending ACM at UCSD's career fair
- Utilized UX-designed prototypes to create a multi-paged website consisting of career fair information
- Implemented React + TypeScript along with Next.js, HTML, and SCSS for website functionality and features
- Allowed over 1000+ members and computer science students at UCSD to find career fair information

### UCSD Events Website | [GitHub](#)

January 2022 - April 2022

- Worked on a team of 4 to develop a full-stack web application using MongoDB, Express, React, and Node.js
- Developed a website that allowed UCSD students to view school events, meet others, and have a centralized platform for all events
- Designed the features on the user-facing side by utilizing HTML and CSS and ensured full functionality was garnered with React and JavaScript
- Presented to students at UCSD the fully deployable product created in a small timeframe and received interest in utilization

## SKILLS

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**Languages:** JavaScript, TypeScript, HTML, CSS, Sass/Less, Java, Python, C++, MATLAB

**Libraries & Frameworks:** React, Bootstrap, Express, Node.js, Next.js, Redux, JUnit

**Developer Tools:** Git, GitHub, VS Code, LaTeX

**Design:** Photoshop, Figma, Notion, Miro