

Ryan Truong

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EDUCATION

University of California San Diego

B.S. in Bioinformatics, Minor in Computer Science

- GPA: 3.91/4.00

San Diego, CA

September 2019 – June 2023

EXPERIENCE

UCSD Health

Web Programmer

San Diego, CA

September 2023 – Present

- Collaborated at the Quality, Innovation, Value and Efficiency in Radiotherapy (QUIVER) Center on the ORBIT-RT project
- Maintained the ORBIT-RT website, ensuring its functionality and user experience met research and industry standards
- Utilized Meteor.js, JavaScript, HTML, and Less/CSS to provide a seamless user experience while maintaining the backend with MongoDB
- Provided a means for 100+ users, researchers and doctors to upload their radiotherapy data and get responsive feedback on optimal treatment plans

Code Ninjas

Code Sensei

San Diego, CA

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

ACM at UCSD

Frontend Developer

San Diego, CA

June 2022 – May 2023

- Collaborated as a team member of student developers responsible for maintaining and enhancing 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
- Facilitated a thriving online community for over 1000+ students, enabling them to easily connect and access information about events of interest within UCSD's ACM Chapter.

PROJECTS

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

SKILLS

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

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

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

Design: Photoshop, Figma, Notion, Miro