

🎓 EDUCATION

Math-Computer Science (B.S.) @UC San Diego 3.6 GPA Sep 2021 - Jun 2024

- Courses: Advanced Data Structures, Design & Analysis of Algorithms, Object Oriented Programming

👛 EXPERIENCE

Software Engineer Intern @MyMicroJourney Oct - Feb 2024

- Built a **Rest API** using **Java Spring Boot** and utilized **MySQL** to store user data.
- Used Spring Security to hash passwords **increasing security by 70%**.
- Developed landing pages, components, and forms using **Next.js** completing 100% of the front end.
- Created microservices, controllers, and data models to fulfill back-end functionality.

Software Engineer Intern @Smart Twigs Apr - Aug 2023

- Used **React & TypeScript** to build a platform for non-profits to spread awareness of current issues.
- Created custom components **increasing developer speed by 60%**.
- Built complex forms in order for users to create organization, programs, and projects.
- Implemented React Hook Form with Zod to collect, validate, and submit user data to the back end.

✂ PROJECTS

Book Store (Full Stack) MongoDB Express React Node [Source Code](#)

- Developed full-stack app with **React & Express** that allows users to create, update & delete books.
- Integrated **MongoDB** as the database and used **Mongoose** to define data models and a schema to store book information efficiently.
- Leveraged **Tailwind** for a responsive UI and **Axios** for data fetching with a Node back end.

Blog API (Back-End) Express Node [Source Code](#)

- Built a **Rest API** from scratch in order for developers to create a blog website using my API.
- Performed **CRUD** operations by using **HTTP requests** such as get, post, patch, & delete.
- Used middleware such as body parser to intercept data from requests and store blog info into array.

Game Hub (Front-End) React TypeScript Chakra UI [Website](#) [Source Code](#)

- Displayed game data from **RAWG Database API** by using HTTP get requests and **useEffect** Hook.
- Responsive** website design that adapts to devices such as phones, tablets, computers, etc.
- Deployed to production using Vercel to allow users to look for their favorite games.

💡 SKILLS

Programming

JavaScript Java Python C C++ TypeScript

Frameworks/Libraries

React Spring Boot Next.js Express Tailwind Material UI

Web & Databases

MySQL MongoDB HTML CSS

Other

SQL NoSQL Git Github Jira Postman Agile methodologies
Figma UI/UX JSON XML Maven