Timothy Doan

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Education:

California State University, Sacramento (**GPA**: 3.95)   August 2021 – May 2025
Bachelor of Science in Computer Science
Relevant Courses: Data Structures and Algorithms, Computer Software Engineering, Programming Concepts and Methodology I and II, Computer Architecture, Discrete Structures

Technical Skills:

Languages: Java, JavaScript, TypeScript, HTML, CSS, Python
Frameworks: ReactJS, NodeJS, Express, Bootstrap, Material UI
Tools: GitHub/Git, MongoDB, Visual Studio Code, Microsoft Office

Projects:

TravelX ([Github](#))   September 2022 - Present
- Led a team of 4 other students using Agile methodologies to develop a full stack **React** web app that allows users to search for a person's information using only their Social Security Number to verify their identification before returning to the country.
- Queried data from 3 different databases (DMV, Social Security, and Department of State) and automated the data matching to increase the identity verification process speed.
- Utilized a serverless backend in **Vendia** and fetched data from our databases using custom React hooks while implementing CRUD operations to add/update new citizens and their information in real time.
- Designed our frontend using **Bootstrap** and **MaterialUI** to ensure responsiveness across all devices.

Job Application Tracker ([Github](#))   June 2022 - September 2022
- Designed and developed a full stack **React** web app that allows users to log the data of their job applications. Aimed to help users who apply to many jobs at once keep track of their applications.
- Implemented a login/signup system that stores the users and their data in **MongoDB**.
- Developed a REST API using **Node** and **Express** to make GET, POST, and DELETE requests to allow users to edit and view the data in the database.

Chat App ([Website](#) – [Github](#))   June 2022 – July 2022
- Developed a full stack, real time **React** web app that allows users to join rooms and send messages.
- Implemented **Socket.io** in the backend with **Node** and **Express** to send real time data between users.

Work Experience:

<u>Sacramento Municipal Utilities District (SMUD)</u>   May 2022 – Present
IT Project Management Intern
- Led a team of interns to develop high level project plans for the Innovation team using Agile methodologies to ensure organization and productivity for our internal stakeholders.
- Managed 77 Innovative Ideas in the Innovation database through Proof of Concepts and Pilots to help push towards the company's goals of Zero Carbon by 2030.
- Collaborated with other employees to help design and build databases that are used across various departments within the company.

Awards and Extracurriculars:

Dean's Honor Roll – Sacramento State (Fall 2021, Spring 2022)
Association of Computer Machinery – Sacramento State (2022 – Present)