

THOMAS TOY

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Education

University of California Santa Cruz

Bachelor of Science in Computer Science

June 2024

Santa Cruz, California

Relevant Coursework

- Data Structures
- Software Design Project
- Artificial Intelligence
- Operating Systems
- Analysis of Algorithms
- Computer Architecture
- Fundamental Programming

Experience

UNIBA.INC

July 2024 – August 2024

Software Engineer Intern

Tokyo, Japan

- Contributed to the company's CI pipeline, supporting automated builds and deployments.
- Transitioned the front-end framework from **EJS** to **Next.js** for improved performance and scalability.
- Implemented front-end testing using **Jest** and **Storybook** to ensure reliable code and UI consistency.
- Cleaned and transformed data from **Holaspirit API** to create an interactive chart with **D3.js**.
- Integrated and customized **Pages CMS** for dynamic content management.

UC Santa Cruz Police Department

January 2024 – June 2024

Software Engineer Intern

Santa Cruz, California

- Developed a comprehensive inventory view page with advanced search and filtering capabilities.
- Engineered an automated history tracking page to seamlessly log all actions taken on inventory items.
- Created a dynamic dashboard for location-based scanning and auditing using RFID readers.
- Leveraged React.js and Material-UI for all frontend development, ensuring a responsive and intuitive user experience.
- Implemented robust RESTful API endpoints with Express, Node.js, and OpenAPI to manage inventory operations efficiently.
- Collaborated closely with end users to gather feedback and iteratively refine designs in Figma, resulting in a user-centric interface that is both highly usable and visually appealing.

Local 2 Child and Elder Care Plan

July 2018 – August 2020

Administrative Assistant

San Francisco, California

- Conducted outbound and inbound phone calls with clients to help get their applications processed in a timely manner.
- Maintained accurate and organized records and filing systems, ensuring easy access to customer files.
- Accurately input and verified data of over 1000+ applications to support company operations, minimizing errors and enhancing data quality.

Projects

Video Voice Changer (Yujafiy) | JavaScript, HTML/CSS, Python

January 2024

- Developed a Google Chrome extension, as part of a hackathon project to help improve student engagement.
- Integrated the TopMedia API to modify the voice of professors in lecture recordings to a user-selected voice.

Expense Tracker App (Detective Dollar) | Expo Go, React Native, JavaScript, SQLite, Git

November 2023

- Developed and deployed a cross-platform mobile expense tracker app with Expo Go to help users manage and monitor their expenses.
- Used Expo Go's SQLite library to efficiently store, retrieve, and process user-inputted data.
- Developed data visualization features using react-native-gifted-charts to provide users with insights into their spending habits, fostering informed financial decisions.

Technical Skills

Languages: C++, C, Python, HTML/CSS, JavaScript, React, Next.js, SQL

Developer Tools: VS Code, Git, Figma, Slack

Technologies/Frameworks: Next.js, Expo Go, GitHub

Leadership / Extracurricular

United States Naval Sea Cadet Corps

October 2015 – May 2020

Squad Leader

Arkansas Division

- Managed squad activities, ensuring adherence to schedules and protocols during training sessions and events.
- Led a squad of 7+ in various training exercises, demonstrating effective leadership and organizational skills.
- Instructed and mentored squad members in naval traditions, customs, and regulations, contributing to their overall skill development.