

THOMAS TOY

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Education

University of California Santa Cruz

Bachelor of Science in Computer Science

August 2024

Santa Cruz, California

Relevant Coursework

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

Experience

E & F Financial Services, Inc.

June 2022 – Present

Administrative Assistant

San Mateo, CA

- Streamlined data management processes by implementing **Python** scripts to sort and filter hundreds of documents, resulting in a 300% increase in productivity.
- Organized and maintained filing systems, improving accessibility and efficiency in document retrieval.

UNIBA.INC

July 2024 – August 2024

Software Engineer Intern

Tokyo, Japan

- Transitioned the front-end framework from **EJS** to **Next.js**, which resulted in 30% faster initial load times.
- Implemented front-end testing using **Jest** and **Storybook** leading to the identification and resolution of 4 bug fixes.
- Cleaned and transformed data from **Holaspire API** to create an interactive chart with **D3.js**.
- Integrated and customized **Pages CMS** leading to a 50% improvement in content management efficiency across the team

UC Santa Cruz Police Department

January 2024 – June 2024

Software Engineer Intern

Santa Cruz, California

- Developed an automated history tracking page to seamlessly log all actions taken on inventory items.
- Integrated RFID scanners to pair with inventory system.
- Implemented robust RESTful API endpoints with Express, Node.js, and OpenAPI to manage inventory operations.
- Collaborated closely with end users to gather feedback and iteratively refine designs in Figma.

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.
- Input and verified data of over 1000+ applications to support company operations

Projects

Slots of Flavor (Random Restaurant Selector) | *Next.js, Firebase, Yelp API*

August 2024

- A full stack web application that helps users find new restaurants.
- Integrated Firebase for user authentication and to store user data. Yelp API used to get list of restaurants.
- 50+ active users

Yujafiy (Video Voice Changer) | *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.

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

November 2023

- Developed 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, Firebase

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.