TOBY VAN BAAST

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EXPERIENCE

Paid Volunteer & Student   **WebDev Training**   **Spring 2021 – today**
- Acquired strong understanding of responsive design principles and web accessibility standards.
- Successfully completed approximately 200+ hours of video courses.

Technician   **H.C.P.**   **Spring – Fall 2019**
- Engaging with customers / clients. Clean and maintain pool chemistry.
- First staff member to earn employee of the month in two years.

Customer Service & Data Entry   **Villa**   **Fall 2018 – Spring 2019**
- Assist customers in ordering and preparing their food.
- Log sales and other daily operations information into Excel.

EDUCATION

ACC District
CS major
Fall 2007 – Fall 2011

PROJECTS

Health Engine Prototype   [Schedule App](#)   **Spring 2023**

Provided proof of concept app to a software company in Australia with 4,000,000 users.

- Applied responsive design, and React for changing views and customizing color configurations.
- Tested the application with Google's Lighthouse to ensure the app was PWA ready.
- Having a deadline of 2 days to complete the task, I exercised time-management and focused on the most pertinent aspects in order for reproducibility of the design.
- Simulated a database by writing a generator function that would return an array with hundreds of nonconflicting appointment objects.

Personal Project   [The TalkSpace](#)   **Fall – Winter 2022**

Social Media app featuring a rich text created with React

- Applied **design driven development** and **mobile first responsive design**.
- Utilized **React Hooks** for **state management** and learned design patterns such as **Unidirectional Data Flow** and **Flux**.
- Employed **React Router** to create a **single page application**, and used **Route Parameters** to dynamically serve pages from a database.
- Firebase was incorporated for **user authentication**, and deployment as well as dynamic **pushes**, **pulls**, **updates,** and **deleting** data, stored in Firebase's Firestore.
- Implemented **Git workflows** to allow for revising changes.

SKILLS

HTML/ CSS/JS

React

Git Workflows

Node

MySQL

MongoDB

Python/ Django