Benny Nottonson

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EDUCATION

CALIFORNIA STATE UNIVERSITY LONG BEACH - HONORS **Long Beach, CA**
Computer Science, B.S, Minor in Statistics, Finance **EXPECTED JUNE 2026**

- **Coursework:** Data Structures & Algorithms, Junior Standing

LOS ALAMITOS HIGH SCHOOL **Los Alamitos, CA**
High School Diploma **JUNE 2023**

PROFESSIONAL EXPERIENCE

VALTER TENNIS - VALTERTENNIS.COM **Remote**
Web Developer **JULY 2023 - Present**

- Redesigned and revamped a WordPress website, leveraging Qwik framework with TypeScript for enhanced performance and maintainability, resulting in an over 2.5x increase in load times
- Developed the backend database using Supabase and implemented server logic in TypeScript, ensuring data integrity and efficient processing after migration from SQL
- Crafted a responsive frontend using React, Tailwind, and DaisyUI, providing an engaging user experience

PROJECTS

PERSONAL WEBSITE | TYPESCRIPT, QWIK, VERCEL, ZOD, NODEJS **JULY 2023 - Present**

- Developed a personal website using TypeScript and QwikJS, featuring custom animations, dynamic elements, and particle effects for an engaging user experience
- Leveraged Tailwind for sleek and responsive styling, and employed React and Vite for efficient frontend development, ensuring a seamless and visually appealing presentation

SPOTIFY SORT | PYTHON, SCIKIT, OPENCV, NUMPY **JULY 2023 - Present**

- Built standalone app in Python and TypeScript to sort songs based on associated images using Linear Algebra, Color Coherence Vectors, OpenCV, and Numpy
- Optimized performance through caching and multithreading for rapid sorting of large playlists

VOLUNTEER EXPERIENCE

LOS ALAMITOS HIGH SCHOOL DANCE - LOSALDANCE.NET **Los Alamitos, CA**
Technical Consultant, Web Developer **SEPTEMBER 2023 - Present**

- Redesigned and programmed the LAHS Dance website using HTML and JavaScript, enhancing its overall functionality and user experience, resulting in an over 4x increase in load times
- Managed ongoing website updates, including form and file modifications, to ensure the site remained up-to-date and relevant to users
- Provided technical insight on a regular basis regarding online presence, user experience, and SEO

SKILLS

- Programming Languages: TypeScript, Python, HTML, JavaScript, Java
- Frameworks: Node, React, Tailwind, Supabase, NextJS, Qwik, Vite, Preact
- Libraries: Numpy, Scikit, Pandas, OpenCV, Tensorflow, Keras

References Available on Request