

Benny Nottonson

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EDUCATION

Los Alamitos High School

June 2023

High School Diploma

Los Alamitos

- GPA: 4.77

California State University Long Beach

June 2026

Computer Science - Honors, Finance Minor, Statistics Minor

Long Beach

- Coursework: Data Structures & Algorithms, Linear Algebra

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
- Optimized the website for SEO, incorporating dynamic pages generated from MDX files to showcase projects, along with dedicated sections for contacting and accessing your resume
- Leveraged Tailwind for sleek and responsive styling, and employed React and Vite for efficient frontend development, ensuring a seamless and visually appealing presentation

Spotify Sorter | Python, Linear Algebra, API Communication, OpenCV, Numpy **November 2022 – May 2023**

- Built standalone app in Python and TypeScript to sort songs based on associated images using Linear Algebra and Color Coherence Vectors
- Enhanced song sorting accuracy with OpenCV and NumPy for vector calculations, integrated HTTPX for Spotify API connectivity
- Optimized performance through caching and multithreading for rapid sorting of large playlists

SKILLS

Programing Languages: Python, JavaScript, TypeScript

Concepts: Machine Learning, Linear Algebra, Data Manipulation, Statistics

Frameworks: NextJS, Qwik, Vite, React, Preact

WORK EXPERIENCE

Valter Tennis

July 2023 – Present

Web Developer

Remote

- Redesigned and revamped a WordPress website, leveraging Qwik framework with TypeScript for enhanced performance and maintainability
- Developed the backend database using Supabase and implemented server logic in TypeScript, ensuring data integrity and efficient processing
- Crafted a responsive frontend using React, Tailwind, and DaisyUI, providing an engaging user experience and seamless navigation
- Implemented robust security measures for payments and authentication, guaranteeing the safety of user data and transactions, while also optimizing SEO to improve the site's visibility

VOLUNTEER EXPERIENCE

Orange Counter Gamblers Anonymous

February 2021 – January 2022

Web Development

Orange County

- Redesigned and programmed the Orange County Gamblers Anonymous website using HTML and JavaScript, enhancing its overall functionality and user experience
- Managed ongoing website updates, including form and file modifications, to ensure the site remained up-to-date and relevant to users
- Successfully implemented an authentication and login feature, securing access to protected pages and files, enhancing user privacy and data protection