

# Benny Nottonson

bennynottonson@gmail.com ❖ 5623573085 ❖ Los Alamitos, California

benny-nottonson.vercel.app/ github.com/Benny-Nottonson

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## EDUCATION

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**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, Statistics*

*Long Beach*

## PROJECTS

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**Personal Website** | Typescript, Qwik, Vercel

**July 2023 – Present**

- QwikJS portfolio website
- Reactive and responsive

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

- Sorts Spotify playlists by the color of album images using API
- Uses linear algebra to vectorize and compare images quickly
- Caching and multithreading used to improve performance

**AppLab Proxying** | TypeScript, JavaScript (ES5), Image Manipulation, Nodejs

**April 2023 – May 2023**

- Breaks out of AppLab's sandbox using a Proxy
- Sends requests through Node server and converts to an image
- Hosts the image to be sent and processed inside AppLab

## SKILLS

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**Programming Languages:** Python, JavaScript, TypeScript

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

**Frameworks:** NextJS, Qwik, Vite, React, Preact

## WORK EXPERIENCE

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**Center Stage Dance Academy**

**August 2022 – Present**

*Dance Instructor*

*Long Beach*

- Manage the instruction of students
- Communicate with parents, students, and staff
- Instruct low to mid level dancing

**Valter Tennis**

**July 2023 – Present**

*Web Developer*

*Remote*

- Managed and upkept a Wordpress site
- Handled the processing of user data and payment
- Worked with MySQL DB

## VOLUNTEER EXPERIENCE

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**Orange Counter Gamblers Anonymous**

**February 2021 – January 2022**

*Web Development*

*Orange County*

- Designed and programmed web presence for program
- Updated and reworked pages and forms
- Responded to on demand needs