

# Justin Fisher

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## PROJECTS

### Vibe Check

February 2022 - Present

- Developed a MERN Stack web app utilizing Spotify's API to calculate music taste compatibility between two users, resulting in winning the "Best Overall Project" award at BeachHacks 7.0.
- Led a team of three as project manager, ensuring efficient time management and organization, resulting in delivering a functional demo within 24 hours.
- Developed 5 endpoints as the lead Backend Engineer, including Spotify OAuth, adding users to a database, searching users in our database, and comparing two users' compatibility.
- Optimized data parsing of the Spotify API, reducing MongoDB database user size by 90% and expanding possible users from 6 million to 35 million.

### Listening Lobby

October 2021 - Present

- Built a cross-platform web application utilizing Apple Music and Spotify's API that enables users to listen to music with friends, leveraging 13 custom parsing functions to convert Apple Music's API data into usable cross-platform friendly data.
- Utilized Socket.IO to create 20 web sockets that enable real-time data exchange, eliminating the need for frequent HTTP requests and responses, and resulting in an interactive lobby system for users.
- Teamed up with another Full Stack Developer to efficiently divide work between each API, allowing each of us to take ownership of one API resulting in a 50% decrease in development time.

## SKILLS & INTERESTS

- Skills:** Javascript, Node.js, MongoDB, Express.js, HTML, CSS, React.
- Interests:** Learning foreign languages, playing piano, snowboarding, traveling, and Seinfeld.

## EDUCATION

### California State University, Long Beach

Expected May 2024

Bachelor of Science in Computer Science

Long Beach, CA

- President's Honor List. 3.9 GPA.
- Member of the Association of Computing Machinery Club and Google Developer Student Club.

### Orange Coast College

May 2022

Associate of Science in Computer Science

Costa Mesa, CA

- President's Honor List. 3.9 GPA.

## WORK EXPERIENCE

### California State University, Long Beach

2023-Present

Instructional Student Assistant

Long Beach, CA

- Created a Python script to transform project directory .txt files into a readable HTML grade book for easy grade input.
- Conducted office hours to assist students with C++, Linux, and Algorithms.

### Martin Fisher Photography

2016-2022

Lead Photographer/Editor/Owner

Costa Mesa, CA

- Analyzed website insights through Google Analytics and overhauled landing page design, resulting in a 20% increase in users' time on page.
- Led and managed a small team as the main photographer for weddings.
- Coordinated group photos in high-stress situations with clarity and efficiency.
- Developed a Java automation program using the Selenium web driver to automate local advertisement posting, resulting in a 90% decrease in time spent posting ads.