Timothy Dacalos

Stockton, CA • (209) 715-8742 • tdacalos@uci.edu • [LinkedIn](#) • [GitHub](#)

EDUCATION

University of California: Irvine   Irvine, CA
Bachelor of Science in Computer Science   Expected Graduation, June 2026
Relevant coursework:
Data Structures & Algorithms, User Interaction Software, Database Management, Human Computer Interaction

SKILLS & CERTIFICATIONS

Programming: JavaScript, Python, Java, MySQL, HTML/CSS
Frameworks/Libraries: React, Angular, Bootstrap, Tailwind CSS
Tools: Git, Figma, Github, Eclipse, VSCode

PROJECTS

Anime Song Recognition Website - Developer   [GitHub](#) | [View Project](#)
- Developed a unique anime song recognition website, successfully identifying 1000+ songs, by implementing a system that matches song metadata with the r/AnimeThemes' API.
- Optimized the identification system, resulting in a huge increase in recognizable anime songs, by testing with niche edge cases.
- Utilized: React, TypeScript, Vite

Spotify Browser - Developer   [GitHub](#)
- Developed a Spotify search application, measured by real-time retrieval of albums, artists, and track data, by implementing an Angular front-end and Express back-end to communicate with the Spotify API.
- Implemented dynamic album, artist, and track pages by displaying artist/song metadata through utilizing re-usable Angular components such as the track-list, carousel, and popularity thermometer.
- Utilized: Angular, TypeScript, Express

Portfolio - Developer/Designer   [GitHub](#) | [View Project](#)
- Developed and designed a responsive portfolio website as demonstrated by its adaptation to many screen sizes, by implementing Bootstrap into the HTML layout.
- Dedicated accessibility and standards by passing W3C HTML/CSS validation and accessibility checks, through careful coding practices and semantic HTML.
- Utilized: HTML, CSS, Bootstrap, Figma

Discord Entertainment Bot - Developer
- Retrieved the status of an anime episode for the 30+ seasonal anime, by connecting the Discord API with data given by AnimeSchedule.net.
- Expanded bot functionality beyond anime features, as demonstrated by the coin flip feature, by using Python to make a simple function.
- Utilized: Python, Discord API

AFFILIATIONS & INTERESTS

Member | Campuswide Honors Collegium | UC Irvine   September 2022 – Present
University Shadowship Mentee | Microsoft | Remote   April 2024 – May 2024
Interests: UI Design, Reviewing anime, contributing music to databases, watching basketball