Joshua Holman

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Education

Bachelor of Science in Computer Science, Minor in Mathematics

California State University, Fullerton August 2023 - December 2025

Associate of Arts in Mathematics

El Camino College, Torrance August 2021 - December 2023

Technical Skills

• Programming Languages: Python, C++, C, Java, Go, Lua, bash, SQL

- Technologies & Frameworks: Django, FastAPI, Pandas, Scikit-Learn, Boost, POSIX threads, SQLite
- Development Tools: Nix/NixOS, Docker, Git, Vim, GitHub Actions

Projects

Playlist Rating Web App: Dumps or Fire

Hosted at: https://jolman.pythonanywhere.com

Technologies: Django, Python, HTML/CSS, Javascript, Spotify API, PythonAnywhere

- Worked with a small team to develop a full-stack web application that can rate playlists, albums and songs using popularity data from Spotify.
- Role: Back-end developer.

Task Tracking CLI App: Terminder

Technologies: C++, Cereal, GNU Make

- Dead simple and ever-present program that keeps track of my priorities.
- Features: Implemented file serialization and shortest string matching.

MySQL Portal

Technologies: PHP with MySQLi, HTML/CSS, MySQL (MariaDB)

- Small full stack application with a simple but modern front end
- Queries a MariaDB database using MySQLi and displays information to the user

Experience

Mathnasium, Rancho Palos Verdes, CA & Fullerton, CA

Instructor (Mar 2024 - Present)

- Work with K-12 students to help them achieve their math goals.
- Help students with topics they're learning in class and with learning new concepts.
- Transferred to Fullerton in Aug 2024.

South Bay Tennis Center, Torrance, California

Coach (Aug 2021 - Aug 2024)

- Coached kids and adults alike in group workouts and lessons.
- Honed skills in leadership, communication, and time management.

Torrance Memorial Medical Center, Torrance, California

Central Cervices (June 2021 - Aug 2021)

 Took shipments of medical supplies and delivered them to the various departments within a large hospital.