

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

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.
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Technical Skills

- **Programming Languages:** Python, C++, C, Java, Go, Lua, bash, SQL
 - **Technologies & Frameworks:** Gin, Django, FastAPI, Terraform, AWS, Pandas, Scikit-Learn, POSIX threads, SQLite
 - **Development Tools:** Nix/NixOS, Docker, Git, Vim, GitHub Actions, Linux, bash
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Projects

[**Playlist Rating Web App: Dumps or Fire**](#)

Technologies: Django, Python, Bootstrap, Spotify API, fly.io, GitHub Actions, Docker
Role: Back-end developer and current maintainer

- Worked with a small team to develop a full-stack web application that can rate playlists, albums and songs using popularity data from Spotify.
- Created CI/CD pipeline to enforce code quality and ensure production is up to date.

[**API for Club Data: api.acmcsuf.com**](#)

Technologies: Go, Gin, SQLite, OpenAPI, Nix, GitHub Actions
Role: Co team-lead, developer

- API in development for our club to manage data about board members, announcements, and events.
- Created CI pipeline and branch protection rules to enable safe and seamless collaboration with a team.
- Packaged with Nix, plans to deploy to our AWS EC2 instance with tf and nix.

[**Task Tracker CLI: Terminder**](#)

Technologies: C++, Cereal, Nix, pre-commit, GitHub Actions
Role: Sole developer and maintainer

- Simple and fast CLI that keeps track of my priorities.

- Uses file serialization and shortest string matching for easy use.
- Packaged with Nix.