

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, Typescript, Lua, bash, SQL
 - **Technologies & Frameworks:** Gin, Django, FastAPI, Deno, React, Terraform, AWS, Pandas, Scikit-Learn, POSIX threads
 - **Development Tools:** Nix/NixOS, Docker, Git, Vim, GitHub Actions, Linux, bash
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Projects

[Club Data API: api.acmcsuf.com](https://api.acmcsuf.com) (in progress)

Technologies: Go, Gin, SQLite, OpenAPI, Nix, GitHub Actions

Role: Project 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 using Terraform and Nix.

[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.

[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.

[MediaWiki AWS](#)

Technologies: Terraform, AWS

Role: Developer, current maintainer

- Terraform IAAC for deploying MediaWiki on AWS
- Intended for easy use by anyone, plans to improve configurability and to support GCP & Azure

[Personal Site Rewrite](#) (in progress)

Technologies: Deno, Preact, FreshJS, Deno Deploy

Role: Sole developer and maintainer

- Rewrite of my personal site to include more than just my portfolio.
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Experience

Mathnasium, Rancho Palos Verdes, Torrance & 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 Services (June 2021 - Aug 2021)

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

ACM Chapter, Cal State Fullerton

OSS Team Officer (Jan 2025 - Present)

- Work with team of plan and deliver workshops about FOSS and other computer science topics.
- Lead sub-group for developing club API.