

# 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

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## 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.