

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

[ACM Chapter API \(api.acmcsuf.com\)](https://api.acmcsuf.com)

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

Role: Project co-lead, developer

- Lead development of API for ACM@CSUF that manages board membership, announcements, and events.
- Created a CI pipeline and path for new developers to contribute.
- Write base routes, wrote package and dev shell definitions with Nix.

[Productivity App \(Motion\)](#)

Technologies: Go, Terraform, Typescript, Tanstack, React, MinIO, AWS, Docker

- Lead development of microservices written in Go
- Containerized services for eventual deployment to AWS Fargate
- Wrote Terraform IAAC
- Wrote unit tests, integration tests, and e2e tests for microservices

[Playlist Rater \(Dumps or Fire\)](#)

Technologies: Django, Python, Bootstrap, Spotify API, fly.io, GitHub Actions, Docker

Role: Back-end developer, current maintainer

- Worked with small team to develop 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 keep production up to date.

[Video Game \(Re: Imagine\)](#)

Technologies: C23, Raylib, CMake, GitHub actions **Role:** Project lead, lead developer

- Delegate tasks to artists and other developers.
 - Primary developer and software designer.
 - Write comprehensive documentation to assist new team members.
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Experience

Mathnasium, Rancho Palos Verdes, CA & Fullerton, CA

Instructor (Mar 2024 - Present)

- Tutor K-12 students to help them achieve math goals.
- Reinforce skills they learned in class and introduce new concepts.
- Transferred to Fullerton location in Aug 2024 and back to RPV in Jun 2025.

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)

- Filled and delivered orders for medical supplies.
 - Worked with team to supply surgery floor with necessary equipment.
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Extracurriculars

ACM Chapter, Cal State Fullerton

Open Source 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.