

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:** 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, Cobra

Role: Project co-leader & 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.
- Write comprehensive documentation for developer reference and new member onboarding.

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

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

Role: Back-end developer & DevOps lead

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

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

Technologies: C23, Raylib, CMake, GitHub actions

Role: Project manager & 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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Extracurriculars

ACM Chapter, Cal State Fullerton

Open Source Team Officer (Jan 2025 - Present)

- Work with team to create and deliver workshops on software development topics.
 - Lead several workshop and demos on important technologies and tools.
 - Lead sub-group for developing club API.
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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 students learn in class and introduce new concepts.

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.