

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
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Projects

ACM Chapter API (api.acmcsuf.com)

Repository: github.com/acmcufoss/api.acmcsuf.com

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

Role: Project co-leader & lead developer

- Lead development of REST API for ACM at CSUF that manages board membership, announcements, and events.
- Created a CI/CD 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)

Repository: github.com/tomasohchom/motion

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

Role: Back-end developer & DevOps lead

- Lead development of Go microservices (microservices architecture).
- Containerized services for eventual deployment to cloud using AWS Fargate.
- Wrote Terraform Infrastructure as Code (IaC).
- Wrote integration and e2e tests for automated testing in CI pipeline.

Video Game (Re: Imagine)

Repository: github.com/TheJolman/rpg-raylib

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.