

# Joshua Holman

Email: [work@jolman.me](mailto:work@jolman.me) | Phone: (323) 917-0915 | Location: Torrance, California  
LinkedIn: [linkedin.com/in/joshua-holman-685a39244](https://www.linkedin.com/in/joshua-holman-685a39244) | GitHub: [github.com/TheJolman](https://github.com/TheJolman) | Website: [jolman.me](https://jolman.me)

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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:** 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](https://api.acmcsuf.com))

**Repository:** [github.com/acmcsufoss/api.acmcsuf.com](https://github.com/acmcsufoss/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](https://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](https://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.