

Anthony Mendez

Riverside, CA 92505 | U.S. Citizen | anthonymendez.dev@gmail.com
[linkedin.com/in/antheagao](https://www.linkedin.com/in/antheagao) | github.com/Antheagao | anthonymendezswe.com

Education

University of California, Riverside

Master of Science in Computer Science | GPA: 3.45

Riverside, CA

Mar 2023 – Mar 2024

University of California, Riverside

Bachelor of Science in Computer Science | GPA: 3.52

Riverside, CA

Sep 2021 – Mar 2023

Certifications

CompTIA Security+ (SY0-701) – CompTIA – Jun 2025 – Aug 2025

Full-Stack Web Developer Bootcamp – Udemy – Nov 2024 – Jan 2025

Experience

AI Engineer

May 2026 – Present

GreenGrowth CPAs

Irvine, CA

- Own design and development of an AI-powered financial and tax processing system in Rust and Python on AWS – implementing AI for payments workflows, building REST APIs and data pipelines, and shipping production-ready backend services end-to-end with full ownership.
- Build automation workflows and third-party integrations; use Claude Code daily as a primary development tool; collaborate directly with leadership in a fast-moving environment.

Teaching Assistant (Software Development)

Mar 2023 – Dec 2023

University of California, Riverside

Riverside, CA

- Directed discussions and labs for 200+ students on software development in C++, Java, and Python – covering OOP, design patterns, data structures, algorithms, and full SDLC from requirements through deployment.
- Led instruction on Agile/Scrum, Git workflows, debugging, unit testing, and documentation; mentored teaching assistants; participated in code reviews and reinforced CI/CD and production-quality code standards.

Projects

Character Rater | TypeScript, Next.js, Fastify, PostgreSQL, Claude API | github.com/Antheagao/character-rater 2025

- Built a production full-stack application end-to-end – React/Next.js frontend, TypeScript/Fastify REST API, PostgreSQL with index-optimized queries; integrated Anthropic Claude API for AI-powered automation; ETL pipelines processing 100k+ records with idempotent upserts; deployed with Docker, GitHub Actions CI/CD, and structured observability.
- Instrumented backend endpoints for latency monitoring; implemented RBAC authentication and secure data handling; took the system from initial schema design through ongoing production operations.

Ecommerce API | Java, Spring Boot, PostgreSQL | github.com/Antheagao/ecommerce-api

2025

- Designed a Java/Spring Boot REST API with PostgreSQL – normalized relational schema for users, orders, carts, and products; JWT authentication with RBAC; pagination and filtering for scalable retrieval; comprehensive unit and integration tests; OpenAPI/Swagger documentation.

xv6 RISC-V OS Kernel | C, RISC-V, QEMU/GDB | github.com/Antheagao/xv6-riscv

2023

- Built a working OS kernel in C – virtual memory management, preemptive scheduling, system calls, IPC, and device driver interfaces; debugged instruction-level kernel panics with QEMU and GDB.

Technical Skills

Languages: Rust, Python, Go, Java, TypeScript, JavaScript, C++, C, C#, SQL, Bash

Web & Backend: React, Next.js, Spring Boot, Fastify, FastAPI, REST APIs, PostgreSQL, Docker, CI/CD

Systems & AI: Linux, OS Kernel, LLVM, Embedded C++, Claude Code (daily), LLM APIs, AWS

Process: Git, Agile/Scrum, Unit Testing, Technical Documentation, CompTIA Security+ (SY0-701)