

RYAN COLLINS

STUDENT

CONTACT

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📍 110 Ready Rd., Walnut Creek, CA 94598 (permanent)

EDUCATION

San Diego State University

Computer Science Major, Business Minor

2024 - Current

GPA: 3.8
Honors: Dean's Honor List

SKILLS

Scalable Systems
AI Automation
Backend Architecture
Presentation/Speaking

PROJECTS

Grossmont College Course Search Platform

Full-Stack Web Application

- Built a full-stack course search platform for academic planning to help with schedule planning for students attending Grossmont College.
- Designed a normalized relational schema for courses and schedules
- Implemented CSV ingestion and data-cleaning pipelines

Automated YouTube Shorts Ideation Agent (n8n + AI)

Project | Jul 2025 – Sep 2025

- Built an n8n-based AI ideation agent to research movies and surface compelling scenes, facts, and angles for YouTube Shorts
- Aggregated data from YouTube, IMDb, and Reddit, generating structured ideas via Claude into Google Sheets

OBJECTIVE

Computer Science student seeking a software engineering or AI internship to apply strong problem-solving skills and experience building scalable, AI-driven systems to real-world engineering challenges.

WORK EXPERIENCE

ChatGPT Ambassador

OpenAI August 2025 - Present

- Selected as one of the first ChatGPT Ambassadors, supporting student adoption of generative AI across academic and technical disciplines
- Guided students in responsible and effective use of AI tools
- Demonstrated practical applications of LLMs for coding, research, writing, homework, and productivity workflows

Youtube

Channel (Scroll-Core) June 2025 - August 2025

- Built and scaled a YouTube Shorts channel (ScrollCore) to 1.6+ billion total views, averaging ~20M views per day
- Designed and produced high-retention short-form content with original commentary and data-driven iteration
- Leveraged AI tools to optimize content ideation, scripting, and performance analysis
- Developed n8n automation workflows to streamline content generation, scheduling, and publishing
- Edited and optimized videos using CapCut, focusing on pacing, visual clarity, and audience retention

Co-Founder

1ThingGreen April 2023 - Present

- Conceived, designed, and developed the Eco-Sorter, an innovative solution for improving household waste separation and sustainability
- Led the full product lifecycle, from prototyping and manufacturing to quality control and market launch
- Launched direct-to-consumer sales via 1thinggreen.com and Etsy
- Secured U.S. Patent No. 12,275,582, protecting the product's unique design
- Promoted environmentally responsible habits through thoughtful product design and consumer education

Programming Instructor

Hackingtons June 2022 - August 2024

- Instructed students in foundational and intermediate programming concepts across multiple languages and platforms, including HTML, CSS, JavaScript, Python, C#, and Unity.
- Guided students through game development, web design, and basic software development projects to reinforce core programming concepts.
- Provided individualized support and feedback to help students debug code, strengthen understanding, and build confidence in their technical abilities.