

# Gavyn Ezell

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## EDUCATION

University of California – San Diego

2020 – 2024

Bachelor of Science, Computer Science

## SKILLS

**Languages:** Typescript, Python, C++

**Frameworks and Libraries:** Next.js, React, Tailwind, FastAPI, NumPy, Pandas, Selenium, BeautifulSoup

**Technologies:** Google Gemini, Node, LangChain, Docker, Google Cloud Platform, AWS, Firebase, Supabase, MongoDB, Kafka, MySQL, Unity, Godot, Jira, Bitbucket

## EXPERIENCE

**QA Automation Engineer**

March 2025 – Present

Emporia Energy

Littleton, CO

- Built an AI driven end-to-end test executor in **Typescript** by utilizing LLMs such as **Google Gemini 2.0-Flash** and **Moondream** for agentic and visual inference
- Raised automated test coverage up to **~400** test cases within our app regression suite, and helped cut regression turnover time by **80%**

**Coding Instructor**

November 2024 – March 2025

iCode Bellevue

Bellevue, WA

- Teaching over 20 students foundational programming and software concepts through JavaScript, HTML, and CSS.

**Software Engineering Intern**

July 2023 - September 2023

GoFundMe

San Diego, CA

- Worked with a senior engineer to implement a standardized event streaming protocol using **Apache Kafka**, to serve machine learning and business intelligence teams for downstream analytics.
- Developed a service named Eventer using **FastAPI**, which was used for publishing and subscribing to registered events within GoFundMe's main microservices, which included user and fundraising activity.
- Collaborated with microservice teams to implement event listeners in **PHP** and **Laravel**. Ensured proper integration and deployment with **PHPUnit**.

**Software Developer Intern**

July 2022 - September 2022

VoLo Foundation

Remote

- Built a Flask app to centralize access to personal health data from various health wearables such as Dexcom Glucose Monitoring, Fitbit, and Oura Ring.

## PROJECTS

**TwoFrame.gg - A tournament management website for video games**

Founder

- Formed a small team of developers to make a full-stack **Next.js** site for managing video game tournaments.
- Designed a data schema and developed a fully functioning backend using **Supabase**.
- Wrote a script to properly generate and display double-elimination brackets that take into account fair seeding and double-jeopardy avoidance.

**TabgMaps - Japan restaurant search website with navigation functionality**

Backend Developer

- Wrote a web crawler in **Python**, using **BeautifulSoup** to scrape and store data from over 300,000 restaurants in Japan.
- Utilized **Google Cloud Run** to orchestrate web crawling in parallel, resulting in a 4x speedup of total scrape time.
- Helped implement website's search and navigation functionality by combining **MongoDB's** geospatial querying with **Google Maps' Directions API**.