

Edgar Romero

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TECHNICAL SKILLS

Languages: Python, SQL, JavaScript, HTML, CSS, Java, C, C++

Frameworks: Flask, Django, React, Node.js, Tailwind CSS, JUnit, Swing, Bootstrap

Developer Tools: MySQL, GitHub, AWS, Visual Studio Code

Libraries: NumPy, Matplotlib, Seaborn, jQuery

EDUCATION

California State University East Bay

Hayward, CA

Bachelor's of Science in Computer Science

May 2025

Clovis Community College

Fresno, CA

Associate's of Computer Science

May 2023

EXPERIENCE

Prompt Engineer

Jan 2024 – Present

DataAnnotation

- Designed generative AI prompts to enhance LLM outputs for various applications, including code generation, creative writing, and content generation
- Tested and refactored code provided by an LLM, ensuring accuracy and efficiency for enhanced end-user experience
- Conducted iterative and A/B testing on prompts, refining for LLM responses with the most relevance, clarity, and accuracy

PROJECTS

Stage Ready | *Python, React, Next.js, Flask, Tailwind CSS, shadcn, Groq, hume, LangChain*

- Developed a web application to help with public speech preparation using hume's EVI voice-language foundation model to simulate crowd questions after delivering a presentation
- Frontend client deployed using React, Tailwind CSS and shadcn for a responsive, modern UI, with a Flask server handling backend operations and data processing
- Utilized Deepgram to transcribe speech to text, with Groq and LangChain to process the user's presentation and provide feedback
- Led LangChain integration to streamline AI Agent workflows for team at UC Berkeley CalHacks 11.0

Stock Picker | *Python, Flask, JavaScript, AWS EC2, AJAX, jQuery, HTML, Bootstrap CSS*

- Deployed a Flask web application using Amazon Elastic Compute Cloud
- Integrated TiingoStocks API to fetch real-time stock prices and market data for up-to-date financial insights
- Employed AJAX to enable seamless, asynchronous stock updates for enhanced UX

Trading Card Price Checker | *Python, Django, SQLite, Bootstrap CSS, HTML*

- Built a Django web application to track and display Yu-Gi-Oh! card price trends using the YugiohPrices API
- Queried card data with SQLite supporting real-time price checks, historical price tracking, and bookmarking cards for price analysis

RELEVANT COURSEWORK

Software Engineering, Data Structures and Algorithms, Database Architecture, Analysis of Algorithms, Operating Systems, Computer Architecture, Web Development, Mobile App Development, Automata and Computation, Computer Networks, Artificial Intelligence