Enrico Zamarripa

ricozama121803@gmail.com | www.linkedin.com/in/enrico-zamarripa-3ba2882a3 |
https://github.com/ricozama121803 |

Enrico Zamarripa
CS Student- Software Development- UI/UX- AI

SKILLS
Languages   C++ · C# · JavaScript · *CSS / HTML* · Python
Frameworks/Libraries   React · Material UI · Next.JS · Node.js · Bootstrap · Express.js · Puppeteer · Selenium · NodeNLP
Tools   Git · Firebase · Vercel · Heroku · Mural · Pinecone · Canva · Figma · Stripe · OpenAI API · JupyterNotebook
Soft-skills   Interpersonal · Leadership · Teamwork · Adaptable · Independent · Responsive · Teachable

EXPERIENCE
Pathways to STEM - Experiential Learning Modules | KC7 Threat Intelligence workshop, Honeybee Robotics   *Dec 2023 - Aug 2024*
Engineering Challenge, Silicon Valley Industry Tour/Career panel (Intel, NVIDIA, Netflix), JPL tour/F# flight software workshop, Cal State University Fullerton Gravitational Waves and Supercomputing workshop (Python + Linux)
HeadstarterAI - Software Engineering Fellowship | 8-week fellowship focused on creating 5 AI projects and an   *Jul 2024 - Sep 2024*
additional project with a waitlist of 1000 users or generates $1000 in revenue. In addition, there is interview prep, Pathways2Tech webinars from tech CEOs and software engineers, and global networking/project collaboration. Most projects were completed in teams.

PROJECTS
ML Education AI assistant / AI chatbot + RAG | Next.js, React, Node.js, MUI, Firebase, Pinecone, OpenAI API, Vercel   *Jul 2024*
- Real-time chat
- Accurate responses about Machine Learning due to RAG system integration.
- Multi-language support

QuizzAI /AI generated flashcards app | Next.js, React, Node.js, MUI, Firebase, Stripe, Clerk, OpenAI API, Vercel   *Jul 2024*
- Interactive web app that can generate quizzes and flashcard sets by entering a prompt or inserting a YouTube link
- User authentication to save flashcard sets

SPYDERSCRAPE / NLP + Web scraping (HACKATHON) | Node.js, Express.js, MongoDB, Mongoose, Node-NLP, Puppeteer,   *Aug 2024*
Bootstrap, Vercel
- Web scraper app that allows users to enter URL and # of pages to scrape, and save data in the database.
- Uses Node-NLP to perform Sentiment Analysis on stored data, and output results

ProfSpot / Ratemyprofessor AI chatbot + RAG | Next.js, Vanta.js, Express.js, Node.js, Bootstrap, Pinecone, OpenAI API,   *Aug 2024*
Vercel, Jupyter Notebook
- Web scrapes ratemyprofessor.com and stores review data in Pinecone database
- Uses OpenAI with a Retrieval-Augmented Generation (RAG) model to generate accurate insights with reduced hallucination.
- Advanced UI/UX designed with Next.js, Bootstrap, and Vanta.js for enhanced 3D visuals.

ACTIVITIES
InnovateX Robotics | Robotics club at Citrus College   *2023- 2024*
CitrusCyber | Cyber Security Club   *2024-Present*

RELEVANT COURSEWORK
CS111- Intro to programming
CS112 - Intro to Python
CS225 - Object Oriented Programming
CS232 - Meth II (Data Structures)
CS242 - Computer Architecture and Organization
CS252 - Discrete Structures

EDUCATION
Citrus College, Glendora CA | Assoc. For Transfer of Science in Computer Science, 3.54 GPA, Dean's List   *Aug 2022- May 2025*
Pathways to STEM | Experiential learning modules in cybersecurity, engineering, flight software, etc.   *Dec 2023 - Aug 2024*
SSOAR (Students Supports Organized to Achieve Results) | National Science Foundation funded scholarship   *Jan 2024 - Present*
 Program for students majoring in Tech/Engineering/Mathematics, providing mentorship, and Community Outreach via K-12 tutoring

VOLUNTEERING
Church Volunteering, Monrovia CA, 740 S Shamrock Ave, Monrovia, CA 91016   *Jan 2011- Jan 2016*
Knights of Columbus volunteer work.Ranging from tree sales, making rosaries, and collecting donations for a worthy cause
Stem Youth Outreach/Volunteer Tutor, Azusa CA, 777 E Alosta Ave, Azusa, CA 91702   *Aug 2023 - Present*
Robotics and STEM showcase for kids k-8 at 'Homework House' for Foothill Community Church. We showed the kids a presentation of our hexapod assembly and let them play with our assembled hexapods via a cell phone
controller. As a part of SSOAR, I volunteer 10 hours a semester for k-12 tutoring at the same location.