Rafael Romo

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EDUCATION

Columbia University, School of Engineering and Applied Sciences   **Expected May 2027**
B.S. Computer Science, Minor: Entrepreneurship and Innovation
Division I Men's Soccer
Coursework: Advanced Programming, Data Structures and Algorithms, Linear Algebra and Probability
Bellarmine College Preparatory, San Jose, CA   **May 2023**
4.3 GPA, Varsity Soccer Captain, Latino Student Union Member

EXPERIENCE

Startup Founder and Software Developer, European Innovation Academy   **June 2024 - Present**
- Wrote efficient Python, HTML, and CSS using Flask Framework to develop a web application
- Applied lean startup methodology to refine the business problem and develop the business solution
- Created and worked collaboratively with a team of 4 other college students to create a startup
- Tackled intricate and complex problems regarding improving immigrant integration into the U.S.
- Pitched to and answered critical questions from a group of 7 potential investors

Columbia University SHPE, Executive Board Member   **September 2023 - Present**
- Organize and execute professional workshops for an audience of 150+ aspiring Hispanic Engineers
- Plan social events to encourage club collaboration and success
- Communicate effectively with 20 other executive board members on a weekly basis

Junior Soccer Coach, De Anza Force Soccer Club, Cupertino, CA   **June 2021 - June 2022**
- Coached three age groups (5-6, 7-9, 10-12), each having 10+ players in the recreational boys' division
- Organized and created stimulating drills for 1 hour practices that developed players' skills
- Communicated effectively and passionately with energetic children as well as their parents and family

PROJECTS

Personal Portfolio Website, rafaromo23.github.io/Personal-Portfolio   **December 2023 - January 2024**
- Used JavaScript to create a Vite + React, lightweight, and fast backend
- Leveraged the Tailwind framework to ensure a responsive and aesthetically pleasing layout
- Demonstrated attention to detail and proficiency in HTML and CSS through hands-on web development

Web Server Development Project   **November 2024 - December 2024**
- Wrote robust C code to create a secure and efficient HTTP server that serves static and dynamic content
- Utilized Sockets API to establish client-server communication, supporting GET requests
- Integrated a persistent TCP connection to enable a live search functionality and HTML table generation

TopTrackify, View Your Top Spotify Tracks and Artists   **December 2024 - January 2025**
- Wrote efficient Python, HTML, and CSS using the Flask Framework to develop a web application
- Utilized OAuth 2.0 to receive tokens that granted access to user data through the Spotify API

HONORS

Columbia University Questbridge Scholar (Four-Year Scholarship)
Awarded four-year, full-ride scholarship presented to less than 10% of students across the nation in recognition of outstanding academic achievement and financial need
Ed Quinones Spark Award Finalist (Nixon Peabody Intellectual Property Scholarship)
Scholarship awarded to a startup team that shows exceptional promise and talent

Languages & Frameworks

Python, C, Java, HTML, CSS, Tailwind, JavaScript, Flask, React, C++, MATLab