Victor Ivan Hernandez Barajas

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PROFESSIONAL EXPERIENCE

San Francisco Office of Civic Engagement and Immigrant Affairs, *Data Analyst* | Hybrid   August 2024 - Present
- Analyze qualitative and quantitative data from the Community Ambassador Program
- Utilize Excel and Power BI to create detailed reports, offering feedback and metrics for city officials to secure additional funding. Utilized my technical skills to create an Interactive Heat Map for the CAP program.
- Assist EAD team with calling and registering clients for the next EAD clinic.

Code The Dream, *React Student, Practicum Participant* | Virtual   October 2024 - Present
- Learning and applying modern JavaScript frameworks to build dynamic and responsive web applications.
- Building projects to reinforce concepts like API integration, routing, and user interface optimization.

Peninsula Bridge, *Alumni Board Member* | Hybrid   September 2024 - Present
- Collaborate with board members monthly to identify and implement strategies to better support low-income, first-generation students in achieving college graduation.
- Provide insights and feedback to enhance program outreach, mentorship opportunities, and student engagement.

Netflix x Formation, *Software Engineering Fellow* | Remote   May 2023 - Dec 2023
- Selected for a highly competitive fellowship for personalized coaching from top-tier software engineers.
- Studied system design and algorithm fundamentals in small groups led by senior engineers from top companies

The Trium Group, *Office Management Intern* | San Francisco, CA   June 2023 - August 2023
- Provided comprehensive administrative assistance to streamline office operations
- Assisted in Trium's AI Project where I searched for AI technologies that could increase efficiency.

PROJECTS

FabFlix Website (HTML, CSS, JavaScript, Java)
- Developed a dynamic web application that allows users to search for movies based on various criteria such as title, year, director, star, and genre.
- Utilized Java servlets and JDBC to efficiently fetch and display movie information while optimizing resource usage on both the front-end and back-end.

Better Budget Financial Literacy Website (HTML, CSS, JavaScript, Java)
- Built a financial literacy website for non-English speakers during Google's Software Product Sprint program.
- Worked primarily with front-end development, but also exposed to back-end using Java servlets.
- Used Google Charts and Google Translate APIs to improve the website's interactivity.

Virtual Reality Use Case Research/Pilots at UCI / Private VR Tutor
- Engaging in a year-long project with Enrollment Management at UCI to determine if VR could enhance the collaboration aspect of virtual team meetings. I helped implement an admitted student yield event in the business school's digital twin hosted in the Metaverse.

EDUCATION

University of California, Irvine | Irvine, CA   June 2024
Major: Computer Science B.S. with specialization in Information.
Honors/Awards: Dean's Honors List; Hispanic Heritage Youth Award Winner for Technology

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SKILLS

Programming Languages/Frameworks: Python, C++, Java, JavaScript, Angular, React, Bootstrap, PostgreSQL, MongoDB, RESTful API, HTML, CSS, Git
Spoken Languages: English, Spanish

EXTRACURRICULARS

Volunteer: Peninsula Bridge Alumni Board Member, SHPE Mentor, Citizen Application Workshop Volunteer
Interests: Gym, Hiking, Financial Literacy, Barber, Virtual Reality, Technology