

Emma E. Escandon

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Education

STANFORD UNIVERSITY

Master of Science in Computer Science, 3.5 GPA

Specialization: Information Management and Analytics

Stanford, CA

March 2025

CALIFORNIA STATE UNIVERSITY, FRESNO

Bachelor of Science in Computer Science, 4.0 GPA

Fresno, CA

May 2023

Summa Cum Laude, College of Science and Mathematics Dean's Medalist

Experience

STANFORD UNIVERSITY

Stanford, CA

COURSE ASSISTANT

Sept. 2023 – Current

- Collaborate with a team of course assistants for CS 145: Data Management and Data Systems (instructors: Shiva Shivakumar) and CS 111: Operating Systems (instructors: Nick Troccoli, John Ousterhout).
- Grade assignments and provide student support through Ed discussions and in-person office hours.

PACIFIC GAS & ELECTRIC COMPANY, DIABLO CANYON NUCLEAR POWER PLANT

Avila Beach, CA

Outage Management Intern

Jun. 2024 – Sept. 2024

- Redesigned the Outage Management webpage by developing wireframes and mockups based on input from managers and users; implemented the site using PG&E's SharePoint.
- Updated 800+ maintenance plans on SAP to ensure current and accurate information following recent renewal of the plant.
- Analyzed outage data and developed a dashboard to deliver daily snapshots of deadlines and milestones, alongside long-term projections and historical comparisons.

FRESNO STATE HUB OF DIGITAL TRANSFORMATION & INNOVATION

Fresno, CA

Developer Intern

Jan. 2023 – Jul. 2023

- Planned and managed the development of the mobile Bulldog Bound App for Fresno State's High School Guaranteed Admission Program aimed to serve over 20 local public-school districts.
- Implemented Quali Build applications for campus divisions to improve the efficiency of internal workflows and processes.
- Worked with teams to develop software solutions related to the Student Experience project using Modo Labs, MongoDB, and AWS services.

FAMOUS SOFTWARE

Fresno, CA

Custom Developer Intern

Mar. 2023 – May 2023

- Learned about the intersection of technology and the global fresh produce industry with Famous Software's fully integrated enterprise product which serves over 20,000 users.
- Worked with the Custom Development team to assist customers with the analysis and programming necessary to accomplish custom configurations or modifications.
- Communicated directly with customers to modify produce labels and pallet tags using Oracle SQL, BarTender Software, PowerBuilder, and Confluence.

FRESNO STATE LEARNING CENTER

Fresno, CA

Computer Science Tutor

Aug. 2022 – Dec. 2023

- Provided guidance and assistance to an average of 50 computer science students daily with coursework, labs, and their degree pathways.
- Created webpages with resources and notes specific to each course offered at Fresno State for students can access outside of tutoring hours.
- Nominated for Most Caring Tutor and Most Resourceful Tutor awards out of 60 multi-subject tutors.

Skills & Interests

Technical: Python3, SQL, R, C++, NoSQL, JavaScript, HTML, CSS, x86 Assembly, Unix/Linux Development, Microsoft Suite including SharePoint and PowerBI

Interests: Data Science, Solutions Architecture, Big Data, Machine Learning, Project Management, Energy, K-12 and Higher Education, Finance

Language: Spanish (Intermediate)