

Emma E. Escandon

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Education

STANFORD UNIVERSITY

Master of Science in Computer Science

Stanford, CA

June 2025

Planned Specialization: Information Management and Analytics

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

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

Leadership & Activities

FRESNO STATE OFFICE OF COMMUNITY BASED LEARNING

Fresno, CA

Kids Code Stem Tutor & Summer Youth Technology Institute Instructor

Jan. 2022 – Jul. 2022

- Taught coding classes of 20 students at Title I elementary schools located in Fresno Unified School District
- Created and taught STEM focused lessons for the Summer YTI program hosted at Fresno State.

FRESNO STATE DEPARTMENT OF COMPUTER SCIENCE

Fresno, CA

Member of Computer Science Google Camp

Mar. 2022 – Apr. 2022

- Attended special training session hosted by Googlers and Fresno State computer science faculty on Google Colab, Python, and data science.
- Completed a research paper and presentation about my research topic which used machine learning techniques, Python, scikit-learn, and Spotify Web API.

Skills & Interests

Technical: C++, Python3, SQL, JavaScript, HTML, CSS, PHP, Haskell, x86 Assembly, Unix/Linux Development

Language: Spanish (Intermediate)

Interests: Big Data, Machine Learning, STEM Outreach, K-12 Public Education, Higher Education