

Emmanuel Delgado

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Education

California Polytechnic State University, San Luis Obispo

September 2023 - June 2025

Bachelor of Science in Computer Science, GPA 3.88

Santa Rosa Junior College, Santa Rosa, CA

August 2019 - June 2023

Associate in Science in Computer Science, Mathematics, Physics, and Natural Sciences, GPA 3.7

Highest Honors

Languages and Database Management

C | C++ | Java | Python | MySQL | HTML | Firebase | Javascript | React | React Native | TypeScript

Relevant Course Work

Design & Analysis of Algorithms | Intro to Database Systems | Computer Architecture | Systems Programming | Intro to Cyber Security | Intro to Software Engineering | Computer Science Fundamentals

Work Experience

AI for Search and Rescue (React/React Native/Typescript) - Product Development September 2023 - *Current*

- Collaborating with students and domain experts to build a website and mobile app to streamline form submission and present information to search and rescue people to help find missing individuals.
- **[Research]** Working with a team to develop the first ontology for Search and Rescue.

Supported Living Assistant

February 2024 - Current

- Assist a person on the autism spectrum with their everyday activities and help them maintain a healthy lifestyle.
- Bring patient to social events and promote good behavior.

Target - General Merchandise (Full Time)

July 2020 - June 2021

- Managed the toy department
- Trained 2 employees in General Merchandise and Fulfillment
- Built communication, teamwork, and leadership skills

Projects

Class Scheduling Software (Python and Java)

- Porting software to allow for new features to be added and streamline the process of scheduling classes for the computer engineering and computer science department

Cal Poly Fourm (React, Express, Javascript, MongoDB)

- Collaborated with a team to create a web application to centralize all discussions for Cal Poly Students
- Designed and implemented a MongoDB database
- Created a backend with the necessary APIs and made the API calls for the frontend to use

Library GUI that communicates with a Database. (JavaFX & MySql)

- The program has an interactive GUI for customers and employees, uses login authentication, removal and addition of books, checking out and returning books, and querying books based on different criteria.
- Database uses relational SQL. I was the main contributor to developing the database schema.
- Improved communication and collaboration skills.

Volunteer

Tutoring - Discord Server (STEM Students | Science, Technology, Engineering & Maths)

- Tutoring 7th-12th grade students in math (from algebra to calculus)

Soft Skills

Bilingual (Spanish/English) | Teamwork | Flexible | Communication | Determination | problem solving