Melissa Rojas Perez

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EDUCATION

De Anza College — *Business Administration Associate in Science - Transfer*
September 2023 - June 2025

San Jose State University — *BS in Business Administration/Management Information Systems*
August 2025 - Expected May 2027
GPA: 4.0
Relevant Coursework: Database Management Systems, Introduction to Business Programming

PROJECTS

Healthcare Handoff Database System — *MySQL*
- Designed a relational database using MySQL for a healthcare organization to reduce patient harm caused by clinical miscommunication
- Modeled data around patients, encounters, and handoffs using ER diagrams and normalized schema design
- Implemented data constraints to capture who transferred information, what was communicated, and when
- Developed SQL queries correlating handoffs to patient outcomes to identify communication gaps and performance trends

TECHNICAL SKILLS

Programming Languages: Python (variables, loops, functions)

Databases: MySQL

Database Concepts: Relational database design, ER modeling, and introductory knowledge of non-relational databases

Querying: JOIN, GROUP, BY, aggregation, subqueries

LANGUAGES

Spanish: Native

English: Fluent