Sergio Lopez

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OBJECTIVE

Ambitious Business Administration student with a concentration in Management Information Systems, seeking to leverage hands-on project experience and technical skills in Python, SQL, and data modeling. Looking to apply these competencies in a dynamic internship or entry-level position to drive innovation and process improvements.

EDUCATION

Bachelor of Business Administration (Concentration in Management Information Systems)
San Jose State University - San Jose, California | August 2023 - Present (Expected Graduation May 2025)
- Relevant Coursework: Systems Analysis and Design, Database Management Systems, Machine Learning

San Jose City College - San Jose, California | August 2021 - June 2023
- Relevant Coursework: Managerial Accounting, Calculus for Business, Legal Environment of Business

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PROJECT EXPERIENCE

Machine Learning Project | Sarcopenia Data Prediction
San Jose State University - San Jose, CA | April 2024 - May 2024

- Developed a machine learning program as part of a final project to predict sarcopenia risk using Python and real-world health data.
- Preprocessed the dataset by performing data cleaning, normalization, and feature selection, ensuring high-quality input for model training.
- Implemented and compared multiple machine learning models, including Logistic Regression, Random Forest, and Gradient Boosting, to evaluate predictive accuracy.

TECHNICAL SKILLS
- **Programming Languages:** Python (Intermediate), SQL (Intermediate)
- **Tools & Technologies:** Microsoft Office (Word, Excel, PowerPoint), Jupyter Notebooks
- **Database Management:** Familiar with SQL for querying, database design, and data modeling

Other Skills
- **Analytical & Problem-Solving:** Strong ability to interpret data and solve complex problems
- **Communication & Collaboration:** Effective in team settings, with excellent written and verbal communication
- **Languages:** English (Native), Spanish (Beginner)