Cynthia Murillo *Data Scientist*

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Career Objective

Aspiring data scientist focusing on Data Architecture and Machine Learning, passionate about leveraging data to create innovative solutions. Proficient in Python, SQL, C++, and JavaScript, I enjoy the blend of logic and creativity in programming. My skills include developing robust algorithms and utilizing data analysis techniques to uncover insights. Experienced with phpMyAdmin, MySQL Workbench, and VS Code, and expanding my expertise in machine learning frameworks, I am eager to contribute to dynamic tech projects and continually enhance my data science capabilities.

Education

A.S. in Liberal Arts & Sciences: Science and Mathematics Emphasis   San Francisco, CA, United States
City College of San Francisco

B.S. in Information Science and Data Analytics   In Progress | San Jose, CA, United States
San Jose State University

Professional Experience

Computer Science Dept. at CCSF   January 2023 – present | Remote
Teacher's Assistant
- Assist students in understanding and applying SQL/MySQL queries, programming principles, and data visualization techniques.
- Offer personalized guidance on course materials, assignments, and projects.
- Collaborate with instructors to develop supplementary materials to reinforce learning objectives.
- Demonstrate strong communication and interpersonal skills to foster a supportive learning environment.

Mission Economic Development Agency
Secretary/Benefits Coordinator
- **Data Management:** Managed and prioritized a high volume of cases, ensuring accurate data entry and maintaining data confidentiality.
- **Data Collection and Analysis:** Conducted detailed client interviews to gather and analyze personal, family, and financial information, providing insights for decision-making.
- **Regulatory Compliance:** Applied federal and state procedures and regulations to determine eligibility for public assistance, ensuring compliance and accuracy in data processing.

Projects

Music Database Management System   Work In Progress
- Technologies Used: MySQL, SQL, MySQL Workbench
- Developing a comprehensive music database to enhance recommendation algorithm efficiency.
- Ensuring data integrity with foreign keys and constraints.
- Inserting sample data for famous bands and solo artists to demonstrate functionality.
- Utilizing advanced SQL techniques for table creation, data insertion, and entity relationship management.

Languages

English — Native/Bilingual

Spanish — Fluent

Computer Software Skills

Python | Unix/Linux | mySQL | SQL | phpMyAdmin | MongoDB | C++ |
MS Azure | JavaScript | CSS | HTML | Word | Excel | Outlook | Zoom |
VS Code | REACT