

Megan Trang

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Education

BS, Business Administration - Management Information System, San Jose State University

May 2025

GPA 3.5

Coursework: System Analysis and Design, Database Management Systems, Networking and Data Communication, Python

Experience

Student Intern Level III, Santa Clara County Treasurer-Controller Claims Unit

November 2022 - June 2025

- Approved to create over 2,500 vendor profiles in SAP Fiori BP
- Provided support in reduction of backlog of vendor requests and maintained the team's workflow at less than 50 requests
- Supported with 2-3 solutions to troubleshooting issues when departments submit vendor requests or related to the vendor master's tasks
- Managed vendor profiles by SAP Fiori BP to ensure information is up-to-date for reports and tax returns filings
- Assisted accountants in processing 3-4 Travel Expense Vouchers

Data Analyst, WritingChex

May 2024 - December 2024

- Worked with a peer to enhance skills using a dataset of 33 IELTS mock exam results from non-English speakers
- Analyzed data processed through Python and Matplotlib to gain insights on the strengths and to create pie charts to data visualize the top 3 writing strengths
- Identified 3 strengths in sentence structures, subject-verbs, and basic sentences to help students apply in their writing
- Created a presentation to highlight the top three writing strengths to assist the CEO with ideas for new features aimed at supporting skill-building

Academic Project

Bursar Office Chatbox Assistance Project

January 2024 - May 2024

- Analyzed chatbox system issues and proposed solutions on how to rebuild the queuing system
- Applied Jira's WBS-Gantt chart to track project duration and critical paths of the work breakdown
- Performed a cost-benefit financial analysis to determine if implementing a queuing system solution is cost-saving
- Created an app-based design prototype of the chatbox that allows students to interact to streamline queuing

Database Management Project

August 2024 - December 2024

- Created a relational database in group of 5 people for a data analyst role in the City of San Jose
- Used DiagramGPT and MySQL to assist with creating a database diagram for City of San Jose departments
- Implemented database design with 6 tables into Oracle Live SQL using SQL scripts
- Created 2 intermediate and 2 advanced queries for the relational database to showcase its functionalities

Aqua Analyzer

January 2025 - May 2025

- Developed Streamlit web app in group of 4 to simplify Valley Water's water quality report, making it accessible for San Jose residents
- Integrated OpenAI API and Python to build 3 modules for residents to click to learn more about the effects and benefits of the minerals found in water
- Conducted a 3-section interview with 8-15 questions each to explore new ways to improve the UX of the website

Skills

- Languages: Fluent in English and Vietnamese
- Technical Skills: CSS, HTML, JavaScript, Jira WBS-Gantt Chart, OpenAI API prompt engineering, Oracle Live SQL, Python, Salesforce, SQL, UX/UI