

SPENCER SOALT

San Diego, CA | Spencer.Soalt@gmail.com | (858) 750-5388 | [linkedin.com/in/spencersoalt](https://www.linkedin.com/in/spencersoalt)

EDUCATION

Bachelor of Science in Business Administration; Major in Management Information Systems

San Diego State University | San Diego, CA

GPA: 3.68

Degree Expected: May 2023

EXPERIENCE / PROJECTS

System Analysis Pro Bono Consultant

Aug 2022 – Dec 2022

San Diego State University MIS Department, San Diego, CA

- Executed a gap analysis project on the MIS department student internship acquisition system resulting in a recommendation for a new information system to support and match students with employers
- Consulted with Board members from Google and Handshake to conduct in-depth analysis of their business needs and requirements for the proposed system
- Applied project management tools such as Gantt charts, conducted problem analysis of the current system, as well as requirements gathering and analysis for the proposed system
- Ran risk analysis on the project with economic impact to calculate a ROI of 223% and a payback period of 6 months for the project
- Presented findings and recommendations to Board members and stakeholders, resulting in the implementation of the proposed system

Database Management System and Analytical Dashboard (Project)

Nov 2022 – Dec 2022

- Utilized SQL to create, populate, and manipulate tables in an Oracle database. Wrote statements to create necessary tables for storing employee, customer, and order data
- Applied advanced SQL queries, to retrieve and analyze data from multiple tables in the database. These queries were used to generate reports on metrics such as sales, inventory, and customer behavior
- Developed a Python script using Pandas, NumPy, and Plotly connected to the Datapane framework, creating an analytical dashboard that can extract, clean, and present the data in a clear and concise format
- Implemented interactive features, allowing users to easily navigate and filter the data to obtain specific insights on their operations using visualizations such as bar charts, line charts, and histograms

Case Investigator

Jan 2021 – May 2021

County of San Diego, San Diego, CA

- Conducted interviews with COVID-19 patients to gather detailed information on their symptoms, exposure history, and potential risk factors for transmission to contain the spread of the virus
- Documented health data in electronic health record systems and databases, using secure platforms in compliance with HIPAA regulations, ensuring the confidentiality and privacy of patient information
- Served as liaison between public health officials and the community to provide accurate, up-to-date information on COVID-19, providing education and resources on quarantine protocols, testing, and symptom monitoring
- Collaborated with a team to analyze and interpret data, identify potential outbreaks, and implement strategies to mitigate the spread of COVID-19

Web Design Intern

Dec 2018 – May 2019

Support for Those in Need, San Diego, CA

- Developed website designs, layouts, and navigation structure to enhance user experience, contributing to an increase in website traffic
- Implemented SEO strategies and tactics, such as keyword optimization, leading to an improvement in search engine ranking
- Developed and implemented a secure online donation portal leading to an increase in funding