

Kevin Loi

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Education

California State University, Fullerton

Bachelor of Science in Computer Science
Expected Graduation: December 2023

Mt San Antonio College

Associates of Science in Mathematics
Graduated: June 2021

Relevant Skills: HTML, CSS, Javascript, Python, C/C++, SQL, Git, Microsoft Office, Sigma Computing (Data Visualization Tool)

Work Experience

- **Data Analyst Intern** *Sonarverse* *October 2022 – Present*
 - Successfully cooperated with a team of 5 engineers to perform sentiment analysis collected and analyzed over 10,000 Twitter posts using Python to identify trends in the crypto market.
 - Employed Python to process and convert over 10,000 records of scraped data on crypto wallets, price of cryptocurrencies, and the volume of cryptocurrencies into CSV files for analysis and visualization.
 - Used Python and Sigma Computing for data visualization of sentiment analysis of Twitter posts and the volume and price of cryptocurrencies.

Projects

- **Etch-a-Sketch**
 - Created a sketchpad web application using HTML, CSS, and Javascript.
 - Enabled users to sketch on multiple grids.
 - Implemented DOM manipulation to enable real-time updates of the color and size of the pen and grid in a web-based drawing tool, improving user experience and responsiveness.
- **SongSwipe**
 - Cooperated with a team of 5 engineers to design and develop the web application using HTML, CSS, Javascript, React, Python, and Flask.
 - Implemented Spotify's API to allow users to explore and discover recommended artists through a swipe-based interface, resulting in a 20% increase in user engagement and satisfaction.
 - Retrieved artists and genre data from the Spotify API using Spotipy library.
- **Weather Application**
 - A weather application built using Swift and SwiftUI.
 - Utilized various APIs, including OpenWeatherMap, FileManager, and JSONEncoder, to implement weather data display and data persistence in a web application with support for over 200,000 cities.