

TYLER SOJKA

DATA ANALYST



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SKILLS AND TECHNOLOGY



EDUCATION

**Vanderbilt University Data Analytics
Bootcamp | 2020-2021**

Certificate of Completion

**Bowling Green State University
2008 - 2012**

Associates Degree in Science
Major in Chemistry and Biology

EXPERIENCE

Climb Nashville | 2021 - Present

training new customers in various rock climbing techniques including belaying and top rope climbing.

Swift Lawn & Land | 2016 - 2020

Senior Manager
Organized and lead 4 teams of 3 employees.

PROJECTS

WallStreetBets Stock Analysis

Python, Pandas, JavaScript, HTML, Flask

MLR machine learning models were used to attempt to predict future stock prices from features including times mentioned on reddit, stock open, close, high and low price, as well as volume. Developed an ETL pipeline to scrape comment and post data from Reddit, as well as stock price data from yahooFinance. The cleaned and joined datasets were stored in an AWS Postgres database to be accessed by a dashboard written in Javascript and HTML, hosted by Heroku.

Earthquake Analysis

JavaScript, plotly, jQuery, HTML, D3.js

The purpose of this project was to build an interactive map showcasing up-to-date earthquake information using GeoJSON objects and Leaflet. Each feature we added, all earthquakes in the last 7 days, all major earthquakes in the last 7 days, and the fault lines, were added to the map via leaflets GeoJSON layer function.

Belly Button Biodiversity

JavaScript, plotly, jQuery, HTML, D3.js

The purpose of this project was to create a web based dashboard to showcase various plot types describing our dataset of bellybutton bacteria. All plots are created on the backend using JavaScript and plotly.js

Python Blackjack

Python

The purpose of this project was to expand my python skills outside of analytics. Using only core python concepts, I created a fully functioning player vs. computer game of blackjack.