

DAVID DIAS NOGUEIRA

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Experience and Relevant Projects

Freightwaves Data Science Internship – Full Time June 2023 – September 2023

- Used geographical data to understand changes in ship traffic volume and movement in various locations.
- Generated graphs using Pandas and Pyplot to present this information to clients.
- Used Google Big Query and the GCloud CLI to store and retrieve this data.

World Export Data Analysis Dec 2022

College Python Project

- Used Pandas to gain perspective on the scale of world trade as a whole and in individual countries.
- Used seaborn and PyPlot to create graphics representing the changes that occurred over the pandemic.
- I engaged in rigorous analysis to identify metrics that could be used to further understand economic shift that resulted from the pandemic.

Freight Transportation Association Data Project Jan 2023 – April 2023

College Python Project

- Cleaned and analyzed an anonymized dataset comprised of freight shipments from the southeast United States.
- Used Pandas and Numpy in Python to complete operations on hundreds of thousands of lines of data.
- Used SQL to make broad queries into the main dataset which were needed before processing could begin in Python.

Server-Client CLI Snake Game March 2024 – April 2024

Personal Golang project - https://github.com/DavidDiasN/tcp_server_app

- Makes use of the TCP protocol to facilitate a server client game. Involves Async calls back and forth between the client and server.
- Makes use of a raw terminal to take in user input as soon as it is submitted.
- Uses array manipulation and client side rendering to cut down on server load.

EDUCATION

University of Tennessee at Chattanooga, Chattanooga, TN

B.S in Computer Science: Software System

Aug 2020 – May 2023

GPA: 3.8

SKILLS & RELEVANT KNOWLEDGE

Core Competencies:

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|------------------------|----------------|-------------------------|
| • Go | • SQL | • Git |
| • Python | • Unit testing | • Virtual Box |
| • Dependency Injection | • Docker | • CI/CD |
| • TDD | • React | • JavaScript, HTML, CSS |