

DAVID DIAS NOGUEIRA

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RELEVANT PROJECTS AND EXPERIENCE

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.

Freight Transportation Association Data Project Jan 2023 – April 2023

Class CPSC 4910 – Senior Capstone 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.

World Export Data Analysis Dec 2022

Class CPSC 4180 – Programming Languages For Advanced Data Analytics

- 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.

The University of Tennessee at Chattanooga University center Dec 2021-May 2022

Desk attendant and event helper

- Helped visitors and students navigate the campus.
- Set up tables and chairs in event rooms.
- Answered caller questions as well as completing basic office tasks.

EDUCATION

University of Tennessee at Chattanooga, Chattanooga, TN

B.S in Computer Science: Software System

Aug 2020 – May 2023

GPA: 3.8

Coursework: Computer Architecture, Senior Capstone Project, Principles of Data Analytics, Survey of Programming Languages, Computer Network Security.

SKILLS & RELEVANT KNOWLEDGE

Core Competencies:

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|-------------------------|---------------------|-------|
| • Go | • SQL | • Git |
| • Python | • Excel | |
| • Java | • Agile Methodology | |
| • Docker | • Office 365 | |
| • JavaScript, HTML, CSS | • Virtual Box | |
| • React | • CI/CD | |