

# DAVID DIAS NOGUEIRA

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## RELEVANT PROJECTS AND EXPERIENCE

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### 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.
- Generate 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.

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## EDUCATION

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### University of Tennessee at Chattanooga, Chattanooga, TN

*B.S in Computer Science: Software System*

Aug 2020 – May 2023

GPA: 3.8

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## SKILLS & RELEVANT KNOWLEDGE

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#### Core Competencies:

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

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#### Hobbies

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| • Following Politics | • Online games with Friends | • Mountain biking |
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