WHAT DRIVES ME

I've always loved asking 'how?' and 'why?' Since starting my journey as a data scientist, I've been able to answer 'how?' by developing tools to support my teammates and clients, while answering 'why?' with analyses to support data driven decision making. I'm looking for a position where I can develop my career using my skills to make a positive impact both within the company and with external clients and business partners.

EXPERIENCE

Data Scientist — *Lander Analytics*
Jul 2023 - Present

- Meet with clients from project start through completion, discussing key metrics and progress at every step
- Complete code reviews and make suggestions for clients and instruct them on data science best practices
- Build data pipelines in R or **Python** using tools such as **Kestra**, **Prefect**, and **targets** for orchestration
- Create interactive content using **Quarto** with **Observable JS** and **DuckDB** or **Shiny for R** hosted in **Docker**
- Maintain a working knowledge of **Unix** and **Linux** systems to help diagnose and resolve issues with data science infrastructure including the **Posit Workbench**, **Connect**, and **Package Manager**
- Directly contribute to open source R packages such as **renv** and **blastula** while sparking discussions in others

Data Analyst — *Publix Super Markets*
May 2022 - May 2023

- Develop novel analyses and models to provide key insights to business stakeholders including store managers
- Build and maintain internal **R** packages to aid in analysis such as 'publixdate' for working with Publix's system of dates or 'pubsub' for general utilities and a streamlined database connection interface
- Seek out and participate in strategic initiatives which require analytic support from across corporate
- Visualize data and create reports in **Power BI** to display model performance and facilitate data-driven decisions

PROJECTS

AEDify — *Lander Analytics*
Jul 2024 - Present

- Develop AEDify, a custom occupancy forecasting tool leveraging **AI** and machine learning technologies to help inform building operations decisions allowing for significant operational adjustments turned cost savings
- Meet with development partners to hear feedback and improve user interface and user experience

Interactive Dashboard with Observable JS and DuckDB— *Lander Analytics*
Mar 2025 - Apr 2025

- Worked to replace a client's Shiny for R dashboard with ObservableJS and DuckDB to reduce hosting costs
- Defined project goals and milestones and met with the client biweekly to ensure the project met expectations
- Delivered the project on time and successfully transferred domain knowledge to the client team

Store/Item Activation Recommendations — *Publix Super Markets*
Apr 2023 - May 2023

- Implemented a **machine learning** recommendation system to optimize store/item availability combinations that accepts any combination of stores and items and imputes data for missing combinations
- Uses the **tidymodels** suite to cluster stores based on similar latent features from the recommendation process
- Pioneered "project as a package" for easier documentation, maintenance, legibility, requirements, and usability

EDUCATION

Florida Polytechnic University
Aug 2018 - May 2022

- *Bachelor of Science, Business Analytics with Concentrations in Quantitative Economics & Econometrics and Intelligent Mobility*