



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 architecting long-term reporting solutions and developing tools to support my teammates, while answering 'why?' with analyses to support data driven decision making. I'm looking for a position where I can put my skills to the test and help answer my two favorite questions.

EXPERIENCE

Data Analyst — *Publix Supermarkets* May 2022 - Present

- Create and implement a data ETL process from the ground up including designing input and output tables
- Develop novel analyses and models to provide useful insights to key stakeholders including store managers
- Seek out and participate in strategic initiatives which require analytic support from across corporate

Data Science Project Team Lead — *Tallahassee Memorial Healthcare* Aug 2021 - May 2022

- Correlate patient feedback to readmissions and patient experience using linear regression and decision trees
- Create a training tool for nurses using significant results found in the analysis
- Work with capstone sponsor to define project timeline and goals and write a report on project findings

Research Intern — *iCompBio* May 2021 - Aug 2021

- Gather and process time series data of geospatial climate variables and SARS-CoV-2 data
- Analyze data in R, Excel, and ArcGIS to investigate relationships with time series analysis and linear regressions

Data Analyst and Assistant Project Manager — *Draken International* Dec 2020 - Sep 2021

- Oversee a team of interns and supervise data migration efforts including cleaning source data before transfer
- Use text mining and sentiment analysis to correlate jet system failure reports and maintenance repairs
- Create and run weekly parts availability analysis and reports using R and RStudio

PROJECTS

Shrink Narrative Reports — *Publix Super Markets* May 2022 - Aug 2022

- Created a fully automated reporting pipeline with R and Python in a Databricks environment that delivers monthly PDF reports to all Publix stores
- Shipped the project four months early and saved \$85k per year in contracting costs
- Analyzes store shrink metrics and provides actionable insights through targeted operations suggestions
- Built and implemented a SQL translation function leveraging existing R packages to expedite writing new targeted operations suggestions as operations leaders see demand

cipheR — *Personal Project* Oct 2022 - Present

- Created, implemented, and publish an open source R package for ciphertext encoding and decoding on CRAN
- Ciphertext methods are implemented in Base R with no external dependencies

EDUCATION

Florida Polytechnic University Aug 2018 - May 2022

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