



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

GPA: 3.48/4.00

Selected Courses

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| • Database I & II | • Strategic Management | • Six Sigma | • Programming I |
| • Operations and Supply Chain & Operations Research | • Time Series Modeling and Forecasting | • Stats I, Quantitative Methods, & Statistical Learning | • Benefit Cost Analysis & Economic Analysis |

Software and Programming

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|-----------------|---------------------|---------|--------------|
| • R and RStudio | • SQL, Redis, Neo4J | • Stata | • Databricks |
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