

Matthew Jude Fritscher

Covington, LA | (985)-867-0661 | mfrits2@lsu.edu | mfritscher555.github.io

PERSONAL STATEMENT

Graduate from Louisiana State University with a B.S. in Economics/International Trade & Finance and a minor in Spanish. Will graduate from LSU with a M.S. in Analytics/Information Systems & Decision Sciences in May 2023. Currently seeking a career to fulfill personal mission “to use data science and analytics to produce practical and impactful business solutions.”

EDUCATION

Louisiana State University (LSU), Baton Rouge, LA

May 2023

Master of Science in Analytics

Coursework: Python & Machine Learning, Database Management with SQL, Data Mining/Analytical Tools, Advanced Statistical Analysis for Research, Analytics Methods, Survey of Operations Research: Stochastic Methods, Descriptive Analytics, Practicum Project

Bachelor of Science, International Trade & Finance, *Summa Cum Laude*

Dec 2021

Minor, Spanish

Relevant Coursework: International Trade, International Finance, Game Theory and Applications, Introduction to Econometrics, Aggregate Economic Analysis, Intermediate Microeconomic Theory, Introduction to Programming in Business - Python, Management Across Cultures, Business Statistics & Analytics I-II, Money Banking & Macroeconomic Activity, Business Calculus & Economic Applications, Introduction to International Politics, Principles of Finance

Universidad de Granada: Centro de Lenguas Modernas, Granada, Spain

June-July 2019

Study Abroad program – “LSU in Spain”

Relevant coursework: Advanced Readings on Spanish Civilizations, Latin American Literature, Spanish Literary Analysis, Spanish Oral Communication, Spanish Language & Culture, Spanish Grammar and Composition

PROFESSIONAL EXPERIENCE

Graduate Assistant

July 2022 - present

Louisiana State University – Center for Analytics & Research for Transportation Safety (CARTS)

- Developed a desktop application as a part of a Data Integration project, where data from the Louisiana State Police Crime Lab was integrated with the CARTS databases
- Re-factored a Tableau application such that the crash data follows the updated format (MMUC5 convention)
- Documented Python scripts that are used as part of the web applications on the CARTS website

Beer Guide

May 2021 – July 2022

Abita Brewing Company

- Coordinated tours of the brewery while maintaining safety of the guests
- Conducted sales of beverages and merchandise using the Arryved POS system
- Periodically cleaned beer lines and taps

SKILLS & OTHER DISTINCTIONS

Programming Languages: Python, R, SQL (MySQL, T-SQL)

Data Visualization: Tableau, seaborn, matplotlib, ggplot2

Machine Learning: TensorFlow, XGBoost, scikit-learn

Data Manipulation: scrapy, pandas, numpy

Other Tools/Frameworks: RapidMiner, JMP, STATA, Excel Solver/Analysis Toolpak, scipy

Honors: Summa Cum Laude, President’s List: Fall 2018, Spring 2019, Fall 2020; Dean’s Honor Roll: Fall 2019, Spring 2020, Spring 202, Fall 2021; Academic Scholar’s Award, Tiger Excellence Resident Award, Taylor Opportunity Program for Students