Matthew Jude Fritscher

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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

Louisiana State University (LSU), Baton Rouge, LA   **Dec 2021**
Roger Hadfield Ogden Honors College
Bachelor of Science, International Trade & Finance, *Summa Cum Laude*
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

> **Activities**: LSU Tiger Band - trumpet (4 years)

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
- As a Graduate Assistant for the Analytics department at CARTS, I developed a Python desktop application as part of a Data Integration project, refactored a Tableau application by connecting the data to a new SQL database, contributed in the development of various predictive models, and documented several other projects.

Beer Guide   **May 2021 - present(seasonally)**
Abita Brewing Company
- I ensure top-quality service is delivered to patrons by informing guests of the available craft-beverages and helping them find a beer that best suits their tastes and preferences. My main roles included being a tour-guide of the Abita Brewery, a bartender in the taproom on-site, and responsible for the merchandise sales; all of which required high levels of communication skills in both English and Spanish. I also regularly ensured the safety of the customers by practicing safe service of alcohol and checking for signs of over-intoxication.

SKILLS & OTHER DISTINCTIONS

Languages: Spanish Professional Proficiency (C1)

Technical Skills: Analytical Skills, Data Analysis, Econometric Interpretation
Programming Languages: Python, R, STATA, SQL (MySQL, T-SQL)
Frameworks: pandas, scipy, numpy, matplotlib, scrapy, tensorflow, xgboost, Excel Solver, Excel Analysis Toolpak
Tools: Microsoft Office – Word and Excel, Tableau, RapidMiner, JMP

Certifications: Python for Finance: Investment Fundamentals & Data Analytics – 365 Careers; Bloomberg Market Concepts Certification, America's Alcohol Certified Education Association (5/12/21 – 5/12/24)

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