

# Fabrizio Petrozzi

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## EDUCATION

### University of South Florida, Tampa, FL

MS, Artificial Intelligence and Business Analytics

Aug 2024 - May 2026

GPA: 4.0/4.0

### University of South Florida, St. Petersburg, FL

BS, Business Management, Honors, Dean's List

Aug 2019 - Aug 2023

GPA: 3.98/4.0

**Certificates:** Database Management Essentials (2024), Programming for Everybody & Python Data Structures (2024), Introduction to MongoDB (2024)

## SKILLS

**Business Analysis:** Requirements elicitation, user stories, acceptance criteria, process mapping, User Acceptance Testing (UAT), stakeholder communication, documentation, Agile/Scrum

**Data & Analytics:** SQL, schema design, query tuning, Excel (PivotTables, VLOOKUP, INDEX-MATCH), Tableau, Power BI, Python, R, C#

**Engineering & Platforms:** Amazon Redshift, PostgreSQL, Azure Data Studio, VS Code, MongoDB, Git, GitHub

## RELEVANT PROJECTS

### Optuna Hyperparameter Tuning Demo

- Mixed audience on tuning approaches, built a 7-minute code-first demo with before/after runs and simple visuals, improved understanding and handled Q&A.

### Healthcare Data Warehouse & Analytics (Team Lead)

- Scattered clinical-style data, designed a 9-table star schema and 100k+ synthetic rows, delivered Tableau cohort/trend views and faster, consistent SQL analysis.

### Amazon Redshift Product Reviews (Team)

- Slow, messy queries on product/review data, normalized 60k+ records across 947 products and 928 reviews with ACID CRUD and tuned queries, produced ~40% faster runtime and cleaner outputs.

### Mobile Ticketing System Design (Team)

- Unclear scope across UI/services/data, produced service maps, API contracts, and non-functional requirements, shipped a microservices-ready design.

## PROFESSIONAL EXPERIENCE

### USF MUMA College of Business

Tampa, FL

Graduate Teaching Assistant, CGS 2100: Computers in Business

Aug 2024 - May 2025

- Trained and supported 680+ students in Microsoft Excel and Office apps by leading review sessions and in-class help, improving technical proficiency and on-time submissions.
- Graded 400+ submissions in Canvas with clear rubrics and targeted feedback through lecture/lab support to troubleshoot Excel formulas, data cleanup, and file issues.

### Raymond James Bank

St. Petersburg, FL

Managed Customer Accounts Associate

Nov 2023 - Aug 2024

- Safeguarded over \$10M in daily money movements by reconciling 100+ client accounts with Excel and internal systems, maintaining audit-ready logs and data integrity.
- Increased client satisfaction by 15% by partnering with financial advisors, documenting money-movement intent, and closing discrepancies with same-day follow-ups.

### University of South Florida Housing

St. Petersburg, FL

Resident Assistant

Aug 2021 - Aug 2023

- Raised event participation 25% for a 300+ resident community by targeted outreach while ensuring safety through on-call response and accurate incident logs.

### University of South Florida

St. Petersburg, FL

UMatter Residential Mentor

May 2021 - Aug 2023

- Achieved 90% academic goal attainment for 20+ students with intellectual disabilities through weekly plans, checkpoints, and skills coaching that built independence.

## AWARDS & HONORS

USF Golden Bull Award, 2023 | USF MUMA College of Business 25 under 25 Honoree, 2023 |

USFSP Housing RA of the Year, 2022 | USFSP Chancellor's Leadership Council (CLC) Award, 2019 – 2023 | USF

Dean's List 2019-2023 | USF Honors College 2019-2023 |