
ALLANA COLEMAN

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PROFESSIONAL SUMMARY

Multidisciplinary data analyst and fullstack developer with an M.S. in Applied Mathematics (May 2025). Background in quantitative finance, machine learning, and software engineering (MEAN stack). Known for blending creative and technical experience—from managing global art logistics to building predictive models in Python. Seeking data science or quant roles where strategic thinking and analytical creativity are valued.

TECHNICAL SKILLS

Languages/Tools: Python, R, SQL, JavaScript, Node.js, Angular, React, MongoDB, Jupyter, Git, Excel, LaTeX

Models/Methods: ARIMA, GEV, PCA, LASSO, Regression, Forecasting, Financial Modeling

Certifications: Fullstack Web Dev · Digital Marketing · PMP (Eligible)

Soft Skills: Strategic Planning, Communication, Cross-industry Collaboration

EDUCATION

Master of Science: Applied Mathematics, 05/2025

Florida International University - Miami

- Relevant Coursework: Machine Learning, Quant Finance, Stochastic Processes, Python Programming

Bachelor of Arts: Communication, 12/2015

Florida International University - Miami, FL

Minor: Music Business & Art

PROJECTS

- **Crash Date Forecasting (Python)**

Used Yahoo Finance API to predict market downturns via supervised learning and feature engineering

- **Parametric Insurance Model**

Built wind risk model using ARIMA + GEV on NOAA data for insurance payout triggers (R + Python)

- **Fullstack Music Sharing App**

Angular + Node.js + MongoDB app for uploading/tracking user music libraries and activity

- **Agricultural Trade Pricing (Logistics/Finance)**

Recalculated end-to-end costs for a two-truck shipment of organic garlic from Mexico to California by updating FX rates (MXN to USD) and computing palette-level pricing using raw data from farmer-provided spreadsheets.

WORK HISTORY

Art Gallery Manager, 01/2016 - Current

ART LEXING Gallery – Miami

- Led import/export logistics, sales coordination, and VIP communications for global exhibitions

Concierge, 12/2019 - 03/2022

Porsche Design Tower Miami – Miami

- Managed inventory, enforced service standards, and handled high-profile clientele requests

Communications & Marketing Director, 03/2016 - 03/2017

L'Appartment Concept Store – Miami

- Boosted digital reach 300% via targeted campaigns; managed content and outreach strategy