

Javiera Vasquez

(786) 451-3492 | jxv164@miami.edu

EDUCATION

University of Miami, Herbert Business School- Miami, FL

Master of Science in Business Analytics –STEM credentialed

May 2021

• Relevant Coursework: Project Management and Modeling, Statistics for Managerial Decision Making, Quality Management, Machine Learning, Deep Learning, Big Data Analytics, Dashboard Tools for Visual Analytics, Applied Time Series and Forecasting, Data Mining, Programming for Data Analytics(R, Python), Optimization, Database Tools(SQL, AWS)

University of Miami, College of Arts & Sciences- Miami, FL

Bachelor of Arts in Political Science

Dec 2019

WORK EXPERIENCE

Peak 6 Investments- Chicago, IL

Data and Applications Solutions Engineer, Data & Applications Solutions

Dec 2021 – Current

- Identify critical opportunities for innovation and improvement of data and applications through stakeholder engagement, gathering and analyzing large data sets, and conducting research.
- Defining product strategy and leading the product rollout process by driving decisions, directing the technical team, assisting in time estimation, and defining, tracking and reporting on key success metrics.
- Writing user stories, acceptance criteria, and designing specifications of business and technical requirements in partnership with developers, traders, and business stakeholders to iterate on designs based on user feedback, technology constraints, and market dynamics.
- Building scripts and tools in Python, SQL, and Postgres to improve trader tools and data stability
- Creating, maintaining, prioritizing, and organizing the Jira product backlog into incremental releases.
- Establishing and documenting specifications and flows to encourage user adoption and maximize business value.
- Handling day-to-day application, script, and system support including resolving issues of data, execution quickly and efficiently.

Spirit Airlines- Miramar, FL

Intern, Data Science

Jan – Jul 2021

- Developed automated forecasting models in R to predict fee variance, analyze business pipeline, and discover industry trends using time series, machine learning, and other statistical techniques.
- Created dashboard data visualizations using Power Bi, and automated emails using Google Cloud Service to provide weekly updated forecasts to leadership, marketing, finance, and accounting departments.
- Managed data collection, data mining and data analysis using R, Python, and SQL

Polaris Realty Capital- Coral Gables, FL

Intern, Acquisitions

Jan-Jun 2020

- Conduct market research and financial analysis to support investment decision-making, and prepare investment memos, financial models, and presentation materials.

TECHNICAL SKILLS

Certifications: Series 57, Securities Industry Essentials(SIE), Certified Scrum Product Owner-CSPO (June 2023)

Programming Languages: R, Python, SQL

Other Technologies : Jira, Confluence, Tableau, GitHub, PowerBi, Basic Linux,

General Skills: Agile Framework, Lean Six Sigma, Financial Markets, Project Management, Product Management, Time Series Analysis, Financial Analytics, Modern Portfolio Theory, Quantitative Risk Management, Statistical Analysis, Business Analytics

Languages: Fluent in English and Spanish