

Jaya Nagesh

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EDUCATION

Master of Science in Business Analytics (STEM)

August 2021

Boston University Questrom School of Business; Boston, MA

Bachelor of Science, Information Systems Operations Management (ISOM)

May 2020

George Mason University; Fairfax, Va; ISOM

GPA: 3.99, Summa Cum Laude, Excellence in Major (Top 10%), Honors College, Completed in 3 years

RELATED PROJECTS

Business Capstone Project, Ryanair Case Competition

January 2020 - May 2020

George Mason University, Fairfax, VA

- Collaborated with five-member team to assess Ryanair as a firm/player within airline industry; applied techniques such as SWOT/PESTEL, industry/firm analysis; presented findings in virtual case competition
- Identified four main sources of problems after examining Ryanair financial statements - customer reputation, marketing strategy, business strategy, and inefficient use of data analytics; spearheaded analysis of data analytics
- Proposed two solutions for each problem and supported solutions using metrics such as change in revenue, impact on resources; predicted a 5% salary increase and 20% staff increase using an algorithm

Creating Data Warehouse for Stock Analysis

August 2019 - December 2019

George Mason University, Fairfax, VA

- Built data warehouse utilizing SSIS for S&P 500 to analyze stock information and answer business related questions regarding stock analysis
- Performed ETL processes and populated devised star schema (one fact table, four dimensions) in SSIS; applied LookUp function and overcame several errors (data type mismatch, comma delimitation)
- Extracted and created visualizations in Tableau, answering formulated businesses questions regarding profitability of stock sectors, companies, ROI for S&P 500 stocks

Mock Creation of Trader Joe's Website Application, Agile Methodology

August 2019 - December 2019

George Mason University, Fairfax, VA

- Implemented work break structure, predecessors, budget/resources, CP analysis in Microsoft Project

RELEVANT SKILLS

Technical Skills: Java, Python, Tableau, R, SQL, Access, Agile, Data Modeling, ETL Mapping, Pivot Tables, Microsoft Office, SSIS, HTML, CSS, JavaScript

Relevant Coursework: Data Warehousing, DBMS, Discrete Structures, Data Analytics I&II, Systems Analysis and Design, Accounting, Finance, Operations Management, Project Management

COMMUNITY ENGAGEMENT

Arthritis Foundation Honoree, Walk to Cure Arthritis

March 2020 - Present

Arthritis Foundation, Washington, DC

Howard County Public School System Curriculum Change, Student Directed

July 2020 - Present

Howard County, Maryland

ADDITIONAL INFORMATION

Language: Advanced knowledge in reading and writing English, proficiency in Spanish

Interests: Arthritis Foundation Fundraiser and Honoree, WTCA Team Captain, painting, violin, vocal, exercise