Brayan Quezada

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ABOUT:

A data-driven and self-motivated recent graduate from Syracuse University, with a B.S. in Applied Mathematics. Currently pursuing an M.S. in Applied Data Science with experience in building distributed systems, data warehouses, data models, data pipelines, and dashboards. Passionate about technology and data and currently seeking employment opportunities as a BI Engineer, Data Engineer and/or other similar roles

EDUCATION:

Syracuse University, School of Information Studies   **Expected Graduation: Dec. 2021**
Masters of Science in Applied Data Science
GPA: 3.545 /4.000

Syracuse University, College of Arts & Sciences   **August 2016 - May 2020**
Bachelor of Science in Applied Mathematics / Minor in Information Management & Technology
GPA: 3.540/4.000 – *Cum Laude*

PROFESSIONAL EXPERIENCE:

Amazon, Remote   **Business Intel Engineer**   **June 2021 – August 2021**
- Supported business intelligence and date engineering in ad-hoc analysis and reporting
- Constructed dashboards in AWS QuickSight that presented insights from multiple dashboards and merged them into one, reducing the number of overlap information
- Assisted in creating data pipelines that would load terabytes of information onto RedShift database

AIG, New York, NY   **ERM Summer Analyst**   **June 2019 – August 2019**
- Conducted a profitability analysis on AIG and its competitors, analyzing their respective loss ratio, combined ratio and several other finances in order to identify growth opportunities and market trends
- Streamlined a sensitivity test that is used to estimate NAT CAT Model uncertainty using R programming

PROJECTS/RESEARCH:

Designing Data-Intensive Applications   **Independent Study**   **June 2021– October 2021**
- Researched on the fundamental ideas that underpin a data-intensive system and/or application
- Analyzed the best ways to make a distributed system that is scalable, reliable, and maintainable
- Created a distributed system based on research findings by connecting Apache Kafka and Apache Cassandra using VMWare as a virtual machine and Docker to package the apps into containers

Data Warehouse Development   **Team Member**   **December 2020 – January 2021**
- Completed a Data Warehouse and Business Intelligence (DW/BI) program for a case study
- Utilized SQL Server Integration Services (SSIS) to perform data extraction, transformation, and loading (ETL) from two different sources
- Implemented business intelligence solutions and conducted analytics to identify opportunities to meet the business' goals using PowerBI

Dome Employee Evaluation DB System   **Team Member**   **August 2020 – December 2020**
- Designed a star schema data model based off business rules and created data pipelines in order to develop an evaluation database management system for Carrier Dome supervisors to utilize
- Developed a simple User Interface (UI) for supervisors to log into and access the evaluation system
- Generated reports to visualize evaluation results based off key metrics

SKILLS & CERTIFICATIONS:

Technical Skills
Data Warehousing, Data Modeling, Data Processing, Database Management, Business Intelligence, Data Analysis, Big Data Analysis, Text Mining, Machine Learning, Cloud Computing, Digital Marketing Analysis

Tools/Languages
SQL, NoSQL, Python, R, Microsoft Excel, PowerBI, Visio, Tableau, Amazon Web Services (AWS), Apache Kafka, Apache Cassandra, Docker, VMWare

Soft Skills
Problem Solving, Teamwork, Communication, Emotional Intelligence