

SUMMARY

‘Diligent, innovative, and motivated individual with abundant management experience, aspiring to pursue a career in data science with critical focus on cloud, big data, and business intelligence. Exposure to data modeling and regression analysis model creation, fuels a personal ambition to attain knowledge in predictive data modeling to execute effective data-driven solutions’

SKILLS

- Experience in Python, R, and SQL
- Exposure to various Machine Learning algorithms
- Understanding of database systems and modeling
- Exposure to data visualization tools (PowerBI and Tableau)
- Experience with Big Data technologies (Hadoop and Spark)
- Understanding of various statistical methods
- Proficient in Microsoft Excel
- Experience with Jupyter Notebook, Google Collaboratory, Github, and Rstudio

EDUCATION

Syracuse University, Syracuse, NY

Spring 2021 - Current

Master of Applied Data Science

GPA: 3.58

Rutgers University, School of Arts & Sciences, New Brunswick, NJ

Fall 2015 - Fall 2020

Bachelor of Arts in Mathematics

Minor: Economics

PROJECT/WORK EXPERIENCE

Data Science Project Experience

- Analyzed Airline data and created Machine Learning models (Random Forest, Logistic Regression, Gradient-Boosted Tree) to predict future Airline Delays
- Analyzed Soccer data and created Machine Learning models (kNN, Random Forest, Logistic Regression, Gradient-Boosted Tree) to predict gambling odds of future soccer matches
- Created a Star Schema to assemble a Data Warehouse for a fictional Department Store
- Used Natural Language Processing to analyze Movie Sentiment data and predict sentiment with Naïve Bayes and Logistic Regression
- Analyzed Financial ETF data and created a Minimum Variance Portfolio and a Tangency Portfolio

Mathematics Tutor - Mathnasium - Pennington, NJ

Spring 2021 - Current

- High School and College tutor specializing in Algebra, Geometry, Trigonometry, Pre-Calculus, and Calculus
- Formulated daily lesson plans to execute individualized goals for each student in their respective subjects
- Led weekly In-person and Zoom classes and created learning goals for monthly achievement
- Assessed, analyzed, and critiqued study habits to help student efficiency, growth, and implementation
- Collaborated with instructors on teaching-skills refinement, plans of execution, and process efficiency

Cement Mason Team Director - G.R. Concrete Contractors - Monroe Township, NJ

Spring 2012 - Fall 2020

- Managed day-to-day operations of construction team to ensure efficiency, productivity, and deliverance
- Coordinated truck drivers to facilitate accurate use of materials for allocation of large quantities of concrete
- Performed setting and aligning concrete forms to dimensions, leveling of concrete, and molding expansion joints
- Ensured open lines of communication with Site Inspectors to secure all areas of safety and quality assurance
- Maintained a safe work environment by introducing regulatory systems to reduce workspace liabilities
- Collaborated with homeowners to capture and execute desired vision and increased satisfaction of final product

ACTIVITIES

Founding Father, Risk Management Head - Chi Phi Fraternity - Rutgers University

Winter 2017 - May 2019

- Collaborated with campus-wide Rutgers Greek life organizations in event and structural planning
- Raised over \$5000 for various communities including the Boy's and Girl's Club of America
- Assisted in multiple events coordinated with Rutgers University including philanthropy events by organized work shifts for current fraternity members