

TRAM DUONG

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OBJECTIVE

Honored graduate student with a degree in data science seeking challenging positions to apply technical and analytical skills towards business problems, thereby developing effective and actionable business strategies across organizational functions. Passionate in the application of machine learning and analytics to further domain knowledge and expertise in the field.

QUALIFICATION

Advanced understanding of mathematics, statistics, and other analytical technique combining with an excellent understanding of business operations, strategic management, and critical thinking. My core technical competences are as following: Python (Expert), SQL (Advanced), Machine Learning (Advanced), Data Visualization (Power BI, Tableau, Shiny App, etc.), NLP and Text Mining (Advanced), Anomaly Detection (Advanced), Microsoft Office (Access, Excel, Power Point, etc.), Applied Data Science (Expert).

PROFESSIONAL EXPERIENCE

REGENERON PHARMACEUTICALS, New York, NY

Data Science Consultant, Sep 2020 – Dec 2020

- The project involved all stages of data science, including market analysis (SWOT), data observation, data cleaning, feature selection, feature engineering, modeling, evaluation, and deployment aiming to support decision making for the allocation of resources for the management team.
- Combined domain knowledge and statistical methods to discover innovative ways to perform dimensionality reduction across large dataset resulting in faster and more efficient handling of the data.
- Utilized different tactical approaches for feature engineering, feature selection, and advanced machine learning models that optimized model results.
- Successfully delivered an unsupervised, k-means model that highlighted targeted consumers and their demographic.
- Provided suggestions and outlines for future work to help drive later efforts for business solutions.

HEALTHCARE MANAGEMENT ADMINISTRATORS, INC. Bellevue, WA

Business Analyst, June 2018 – June 2019

- Utilized SharePoint and Excel to gather and manipulate data to forecast expenses for analysis.
- Collected data through SQL queries to analyze expense reports, assist with problem solving and decision making, and drive business insights.
- Reworked existing manual processes to allow for greater automation and digitization resulting in more effective and efficient work procedures (30% faster).
- Used Power BI to create visualizations for flow of company expenditures, cost efficiency analysis, and work schedules.

EDUCATION

COLUMBIA UNIVERSITY, New York, NY

Master of Science in Applied Analytics, December 2020 – GPA: 4.00

UNIVERSITY OF WASHINGTON, BOTHELL, WA

Bachelor of Art in Business Administration, March 2018 - GPA: 3.72

- Majors: Management Information Systems & Finance

ACADEMIC ACHIEVEMENTS & EXTRACURRICULAR ACTIVITIES

- **Awards:** 2018 Certificate of High Scholarship, 2016-2017 Annual Dean's List, 2015-2016 President's List, 2014-2015 Dean's List, 2012 International Education Scholarship Recipient
- **Extracurriculars:** Beta Gamma Sigma Business Honor Society, Business Club, International Student Club, Phi Theta Kappa Honor Society, Southeast Asian Club, Vietnamese Student Association, Women in STEM