

HUONG (JENNY) NGUYEN

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EDUCATION

DUKE UNIVERSITY, The Fuqua School of Business <i>Master of Science in Quantitative Management: Business Analytics, Strategy Track</i> GPA 3.86, Merit Scholarship, Admissions Ambassador	Durham, NC May 2022
COLBY-SAWYER COLLEGE <i>Bachelor of Science in Accounting</i> GPA 3.96, <i>summa cum laude</i> , Founders Scholarship, Baccalaureate Award Vice-President Cross Cultural Club, 2018-2019; International Admissions Coordinator, 2017-2019	New London, NH May 2019

TECHNICAL SKILLS

Advanced SQL (MariaDB, MySQL, PostgreSQL), **Intermediate Tableau** (Interactive Dashboard), **Intermediate R** (Linear Regression, Logistic Regression, SVM, PCA, Classification Trees, Random Forest, Lasso), **Advanced Excel** (VBA, VLOOKUP, Pivot, Solver)

ANALYTICS PROJECTS

Driving COVID Vaccination Rate Among Humana Members (Python, Tableau) <ul style="list-style-type: none">Utilized XGBoost and LightGBM modeling to predict member hesitancy toward COVID-19 vaccination so that Humana can design targeted outreaches for these members and prioritize to reach most vulnerable populationsCreated pipeline and tuned model with AUC of 67.5% and disparity score of 99.1%, ranking top 20% in semi-final	Oct 2021
Analyzing Bike Share Demand (R, Tableau) <ul style="list-style-type: none">Performed EDA on hourly rental data spanning two years of Capital Bikeshare in Washington, D.C.Forecasted rental demand using regression algorithms (linear regression, Lasso, and random forest) to create a predictive bike supply model and a maintenance schedule to minimize service disruption	Oct 2021
Analyzing Dognition's Relational Database (SQL) <ul style="list-style-type: none">Performed ETL to evaluate data in relational tables, handle duplicate entries, and build a relational schemaGenerated actionable insights into user behavioral patterns based on membership type and time of joining to increase user retention rate	Aug 2021
Predicting Airline On-time Performance (SQL) <ul style="list-style-type: none">Analyzed factors affecting airline on-time performance using JOINS, CTEs, and window functionsRecommended best flight combinations to minimize travel time based on customer plans	Jul 2021

PROFESSIONAL EXPERIENCE

KERAFAST & ABSOLUTE ANTIBODY LTD. <i>Accountant</i> <ul style="list-style-type: none">Calculated quarterly royalty reports based on net sales for 60 universities and life science research institutions, ensuring accurate and timely remittance of \$70-85K in royalty paymentsMonitored 5,000+ bank transactions and performed weekly bank reconciliations to forecast trends in cash usage, reducing monthly budget variance from 25% to 10%Developed tracking system using PivotTable to manage overdue invoices, reducing accounts receivable outstanding by 80% and days sales outstanding from 48 to 29 days	Boston, MA Nov 2019 - Apr 2021
NOBLE SUPPLY & LOGISTICS <i>Staff Accountant</i> <ul style="list-style-type: none">Managed relationships with salespeople and suppliers to process payment inquiries within 48 business hours, streamlining payment process for specialized orders worth \$50MEngaged in monthly reconciliation utilizing NetSuite and VLOOKUP to reduce closing time by 30%	Boston, MA Jul - Oct 2019
DELOITTE <i>Audit Intern</i> <ul style="list-style-type: none">Audited client database using Excel Analytics and performed technical analysis and testing on short-term investments, financial income, and financial expenses to provide recommendations resulting in improved internal controls for clientsCollaborated with senior auditors and managers to prepare financial statement reports and visualize audit findings in Excel, resulting in a 15% reduction in audit engagement time	HCMC, Vietnam Jul - Aug 2018