Khanh (Chris) Tran

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EDUCATION

SIMON BUSINESS SCHOOL, University of Rochester   Rochester, NY
Master of Science in Business Analytics (STEM-Certified)   May 2020
- Coursework: Core Statistics, Programming for Analytics, Causal and Predictive Analytics, Advanced Predictive Analytics with Python, Text Analytics, Data Management, Big Data, Pricing Analytics

NIAGARA UNIVERSITY   Niagara University, NY
Bachelor of Business Administration in Accounting   2019
GPA: 3.99/4.00; Dean's List (all semesters attended)
- Coursework: Business Analytics, Linear Models, Management Information Systems, Econometrics
- Awards: Member of Beta Gamma Sigma Honor Society, Everett Ockerman Award for Academic Excellence

FEATURED PROJECTS (more details at https://chriskhanhtran.github.io/)

Kaggle Competition – Advanced Regression Techniques in Predicting House Prices
- Performed comprehensive EDA, data cleaning and feature engineering on Ames, Iowa house price data set.
- Built Ridge, Lasso and gradient boosting models to predict house prices, achieving top 6% score in leaderboard.

Predict Breast Cancer with PCA, RF and SVM using Python
- Performed comprehensive EDA on the Breast Cancer Wisconsin data set.
- Trained Random Forest and Support Vector Machine models to detect breast cancer, achieving 97% accuracy rate.

Detect Spam Messages – Natural Language Processing with Python
- Tokenized and vectorized text messages using TF-IDF and bag-of-words model.
- Utilized Naïve-Bayes algorithm to classify text messages into normal and spam, achieving 95% accuracy rate.

EXPERIENCE

TAX TECHNOLOGIES, INC.   Buffalo, NY
Tax Intern   Mar. 2019 – July 2019
Provided technical supports to Fortune 500 clients utilizing Tax Series – TTI's flagship product, an all-inclusive SaaS global data collection, tax compliance and provision software.
- Assisted on implementation engagements for new clients, including performing data collection, integration and setup in Tax Series.
- Conducted essential application diagnostics on client financial data, including periodically generating technical reports, maintaining data integrity and monitoring client databases.
- Conducted in-depth research on tax forms and e-file requirements in 32 states and four foreign countries, helping develop annual enhancement release for Tax Series.
- Performed application testing to determine if software works as designed, logged technical reports and collaborated with software engineers to build enhancement update for Tax Series.

BUSINESS ANALYTICS COMPETITION & CONFERENCE   Manhattan College, New York City, NY
Data Analytics Team Leader   Feb. 2018 – May 2018
In three-month research and two-day hackathon, led a team of four students to discover insights from NYC and Boston governmental data sets and won runner-up prize for best research poster out of 18 participating colleges.
- Cleaned up (missing data, outlier detection, duplications) and integrated (merge, join, subset) large data sets (6 million records) of governmental spending, contracts and KPI metrics.
- Utilized Python and Tableau to perform exploratory data analysis and visualization on payroll distribution and minority-owned businesses' participation in government contracts.
- Built linear models to determine socioeconomic factors affecting government spending.
- Applied statistical learning techniques to predict government KPI metrics, crime rate and education quality.

ACADEMIC SUCCESS CENTER   Niagara University, NY
Tutor for Statistics Courses   Aug. 2018 – Dec. 2018
- Helped nine students understand class materials and build effective study strategies in statistics courses.
- Rated Excellent in all criteria by eight out of nine students.

SKILLS

Programming: Python (Pandas, Scikit-learn, TensorFlow), R, SQL, MATLAB
Statistical Software and Visualization: IBM SPSS, Tableau, Python (Seaborn, Matplotlib), Adobe Suite, Excel
Machine Learning: Predictive modeling (Regression, Random Forest, SVM), Clustering, Neural Network