

Julie Thao Tran

Henrico, VA 23233 · (804)-972-6828 · phuongthao317@gmail.com
Permanent Resident · No Visa Sponsorship Required

PROFESSIONAL SUMMARY

Business and data analytics professional with years of progressive experience in project planning and management, accounting, and operations analysis. Highly analytical with strong skills in internal and external reporting and analysis of routine and complex business processes.

Key Skills:

- Data analysis, reporting and interpretation
- Business Analytics
- SQL and Oracle/MySQL/SQL Server
- Tableau and KNIME
- Advanced MS Office Suite (Word, Excel, Access, PowerPoint, Visio)
- Programming: Python, C#, Web
- Fluent in English and Vietnamese

EDUCATION

Virginia Commonwealth University, Richmond, VA
MS in Information System

2021

J. Sargeant Reynolds Community College, Henrico, VA

2018

System Analysis & Design, C# Programming, Database, Web Programming (GPA 4.0)

Vietnam National University, Hanoi, Vietnam

MA in International Economics Relation

2009

Post & Telecommunication of Institute of Technology, Hanoi, Vietnam

BA in Business Administration

2007

PROFESSIONAL EXPERIENCE

Research Assistant, Visual Analysis Tools for Social Media

2021

Virginia Commonwealth University, Richmond, VA, USA

Develop visual and interactive tool to analyze social interaction on Twitter and other media platforms. The project utilizes advanced AI-based information extraction, large-scale graph visualizing techniques and libraries such as Networkx, Matplotlib, and MySQL.

Project Coordinator, Internet for Rural Community (IFC)

2008-2011

Ministry of Information and Communication (MIC), Hanoi, Vietnam

A development project with the goal of bringing Internet to 80% of Vietnamese population by 2015. This is a joint project with Japan International Cooperation Agency (JICA), Vietnam

Job responsibilities include

- Coordinating plan execution between JICA, MIC, and local governmental
- Overseeing the execution of the project in rural communities

Marketing and Communication Specialist

2008

Petro Vietnam Media JSC, Hanoi, Vietnam

Marketing firm specialized in organizing large events from big corporations such as Citi Group (Vietnam office) and governmental agencies such as the Ministry of Home Affairs.

Job responsibilities include

- Events planning and organization
- Building customers' brand images
- Market research and analysis

Research Analyst

2007-2008

National Inst. of Information and Communications Strategy (NIICS), Hanoi, Vietnam

Shaping national strategies, regulations, and policies in technologies, and information and communications

Job responsibilities include

- Developing national strategies in information technology until 2020
- Research policies and strategies in IT development in other countries

OTHER PROJECTS

Lending Interest Rate Prediction, INFO 664 Info. Sys. for Business Intelligence

2019

Analyze the loan applications from LendingClub, a peer-to-peer lending platform with \$38.7 billion in total lending through 2.5 million loans. Dashboard are built with Tableau to provide various insights into types of loan, distribution across different locations and groups, factors that affect supply chain shortage, as well as identifying growth, uncertainty, and risks. Using KNIME, we further provide the prediction of interest rate for a new lending applications as well as deep optimization of lending applications for customers based on their goals, risk appetite, and so on.

Automated AI-based Customer Insight, INFO 691 Text Mining and Ontologies**2020**

Analyze hotels' reviews to provide customer insights using Natural Language Processing (NLP) and Logistic Regression. The analysis highlights the number of reviews and the average rating across dimensions such as location and time. Further, the sentiment analysis extracts the top keywords associated with negative and positive reviews using Python libraries Pandas, Nltk, Scikit-Learn, and WordCloud. The source code is available at <https://github.com/JulieThao/HotelReview>

Investment Recommendation, SCMA 691, Decision and Risk Analytics

Compare various investment options including buying, renting, money market, and investing into S&P 500 evaluate the expected cost and profit, risk profile and perform sensitivity analysis. The analysis is done using PrecisionTree, a probabilistic decision tree from Palisade.