Tri Dung Huynh

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St.-Martin-Str. 4, 81541 Munich, Germany

EDUCATION

Otto-von-Guericke University Magdeburg
M.Sc. Operations Research and Business Analytics | GPA: 2.1
Oct 2020 - Present | Magdeburg, Germany
Focus: Data Science in Finance and Supply Chain

University of Kassel
M.Sc. Economic Behaviour and Governance | GPA: 2.3
Apr 2019 | Kassel, Germany

Foreign Trade University
B.A. in Banking and Finance, minor: International Finance | GPA: 2.0
Sep 2014 | Vietnam

Foreign Trade University
B.A. in Business Administration | GPA: 1.9
Sep 2012 | Vietnam

TECHNICAL SKILL

PROGRAMMING
• Python • R • Java
• Hadoop • AWS • scikit-learn
• SQL • Stata

VISUALIZATION
• Tableau • PowerBI
• Matplotlib • Seaborn

COURSEWORK

GRADUATE
Machine Learning
Computer Science
Database Concept
Predictive Analysis and Forecasting
Empirical Productivity Analysis

ADDITIONAL COURSES
Statistics • Data Analysis
Support Vector Machines
Deep Reinforcement Learning
Natural Language Processing

EXPERIENCE

INFINEON TECHNOLOGIES AG
ANALYTICS AND REPORTING FOR STRATEGIC PLANNING - INTERN
Sep 2021 – Feb 2022 | Munich, Germany
- Training for semiconductor supply chain and planning processes
- Develop automation projects for Analysis Dashboards and data on Big Data infrastructure

PERX OÜ | FOUNDER
Jan 2019 – Dec 2020 | Tallinn, Estonia
- Cooperate with SMA Solar Technology to develop solar power market and transfer technology to Vietnamese partners • Investing in sustainable products

ALT ACADEMY RESEARCH CONSULTING GROUP
SALES MANAGER
May 2014 – Mar 2015 | Vietnam

PR MANAGER AND SENIOR CONSULTANT
Jan 2013 – May 2014 | Vietnam

CUSTOMER RELATION OFFICER   Aug 2012 – Dec 2012 | Vietnam

DONGA BANK - INTERNSHIP
Jan 2011 – Jul 2011 | Vietnam

PROJECT

Build optimization model for planning process
Linear Optimization | Python | Infineon Technologies AG
- Automate the planning process with the model controls the relationship of demands, capacities, resources, production routes,..

Tableau report automation
Tableau | Python | Infineon Technologies AG
- Improve current analysis dashboard and build the program from python to extract reports automatically

Advanced topics in machine learning
Python
- Design Data science pipeline, Support Vector Machines model • Employ Semi-Supervised Learning model for classification and clustering for NLP datasets: Data Preprocessing, Word Embedding, Word2Vec, LDA Topic modeling, Label Propagation

Portfolio optimization
Computational Finance | Python
- Build an optimized portfolio with Modern Portfolio Theories • Build asset's price prediction model with ARIMA and Deep learning - Stacked LSTM model

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SKILLS

SOFT SKILLS
English (Fluent) • German (B1)
• Vietnamese (native)
Problem-solving • Critical Thinking
Leadership • Teamwork

ACTIVITIES

VICE PRESIDENT
Vietnamese Student Association in
Kassel
Apr 2016 - Apr 2018 | University of
Kassel, Germany

FACULTY-ELECTED LEADER
Sep 2008 - Apr 2012 | Foreign Trade
University, Vietnam

ORGANIZER
Peacework Development Project
Sep 2009 | Vietnam

HOBBIES

Exploring • Reading
Photography • Traveling
Football • Swimming

PROJECT

Customer's behavior analysis
Discrete Choice Model | Using R
- Estimated choice model of decision-maker• Predicted choice probabilities•
Elasticity• Predicted market share • Horowitz, Likelihood-ratio test

Dissertation topic: sentiment analysis in sustainable tourism
Supervisor: Prof. Dr. Ralf Wagner | University of Kassel
- Collected online reviews and extract sentiment messages for Mui Ne, Vietnam

Analyze the joint effect of goal framing and anchoring on online shopping behavior | Grade: 1.3
Proportional Odds Models| Master Thesis - University of Kassel
- Designed and conducted a field experiment to observe the joint effect of goal
framing and anchoring on online shopping behavior on the Amazon platform •
Used the Proportional Odds models to analyze ordinal categorical data

Analyze quality efficiency of electricity distribution companies in new zealand
DEA Model | Using Stata
- Implemented Data envelopment analysis model to analyze technical efficiency
in Efficiency model and Quality efficiency model for 29 electricity distribution
businesses in New Zealand.

TRAINING

2022 AI Agenda': 2 days-Workshop
by IBM and appliedAI | Infineon Technologies AG

Supply Chain - a competitive advantage of Infineon
by Supply Chain Academy | Infineon Technologies AG

Divisional model: planning supply chain
by Thomas Ott, Alexander Kenis | Infineon Technologies AG

Capacity planning: capacity modeling using moving bottleneck
by Sinead Ni Riada, Maximilian Obenauf | Infineon Technologies AG

SCOR - supply chain operations reference model
by Hans Ehm | Infineon Technologies AG

Capacity alignment planner monitoring
by Emely Kasperek, Alexander Kenis | Infineon Technologies AG

Lean planning: biz senario, production program
by Hans Ehm, Andreas Maetzler, Joanna Soetanto, Andrea Schulze | Infineon
Technologies AG

Overview of volume rolling forecast: business scenario, backend perspectives
by Feng Yue, Ji Yitong, Anna Filatova | Infineon Technologies AG