

# 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

## COURSEWORK

### GRADUATE

Machine Learning  
Computer Science  
Database Concept  
Financial Engineering  
Predictive Analysis and Forecasting  
Empirical Productivity Analysis  
Field Experiments  
Behavioral Economics

### ADDITIONAL COURSE

Tableau Advanced Training for DS  
Statistics • Data Analysis  
Natural Language Processing

## SKILLS

### PROGRAMMING

• Python • R • Java  
• SQL • Stata

### VISUALIZATION

• Tableau • Power BI  
• Matplotlib • Seaborn

## 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

### SUPPLY CHAIN - A COMPETITIVE ADVANTAGE OF INFINEON

Supply Chain Academy | Infineon Technologies AG

### DIVISIONAL MODEL: PLANNING SUPPLY CHAIN

Thomas Ott, Alexander Kenis | Infineon Technologies AG

### CAPACITY PLANNING: CAPACITY MODELING USING MOVING BOTTLENECK

Sinead Ni Riada, Maximilian Obenauf | Infineon Technologies AG

### SCOR - SUPPLY CHAIN OPERATIONS REFERENCE MODEL

Hans Ehm | Infineon Technologies AG

### CAPACITY ALIGNMENT PLANNER MONITORING

Emely Kasperek, Alexander Kenis | Infineon Technologies AG

### LEAN PLANNING: BIZ SENARIO, PRODUCTION PROGRAM

Hans Ehm, Andreas Maetzler, Joanna Soetanto, Andrea Schulze | Infineon Technologies AG

### OVERVIEW OF VOLUME ROLLING FORECAST: BUSINESS SCENARIO, BACKEND PERSPECTIVES

Feng Yue, Ji Yitong, Anna Filatova | Infineon Technologies AG