Anh-Thu Duong

in anhthu-duong (49)-178-9777305 Endenich, 53121 Bonn

PROFESSIONAL **EXPERIENCE**

Digital Transformation Consultant

2019

ABeam Consulting (Vietnam)

• Identified business requirements and utilized UiPath and ABBYY to design, and implement creative solutions using Robot Process Automation (RPA) and Optical Character Recognition (OCR) technologies.

Planning Control Analyst

2016 - 2018

Vietnam Joint Stock Commercial Bank for Industry and Trade (Vietnam)

• Participated in operational risk control and develop and propose yearly, quarterly plans for branch. Automated and analyzed reports of lending and deposit growth.

Investment Research Analyst

2014 - 2015

Auxesia Holdings (Vietnam)

- Performed industry research, company's valuation, financial valuation models and investment proposal, teaser and investment memorandum.
- Achievement: Private healthcare research and industry analysis for the period 2010 -2015.

ACADEMIC **BACKGROUND**

Master of Science in Economics University of Bonn, Germany

2019-2021

- Relevant Courses: Mathematics (Caculus, Set theory, Optimization), Scientific Computing, Micro-econometrics, Effective Programming for Economist.
- Graduate Scholarship by German Academic Exchange Service (€2000)
- Cumulative GPA: 2.0 (German GPA not including thesis)

Bachelor Degree in International Finance

2010-2014

Foreign Trade University, Vietnam

- Focus areas: International trade, International financial instruments and risk management.
- AmCham Scholarship for Awarded by American Chamber of Commerce in Vietnam (\$500)

SKILLS

- Programming Languages and Database management: Python (eg., scipy, numpy, numba, seaborn, plotly), Stata, PostgresSQL
- Data Science and Miscellaneous technologies: Hypothesis Testing, Fitting Statistical Models, Data visualization, Git

PERSONAL **PROJECTS**

- Deterministic dynamic programming (Solution algorithm and benchmark exercises), Scientific computing module
- Interactive visualization project Visualize data of Vietnam's regions with Plotly interactive maps
- Distribution Functions & Bayesian Statistics (ongoing)

LANGUAGE

Vietnamese (native), English (fluent),