

Dung (Shayne) Nguyen

Research Associate · Boston Consulting Group (BCG)

☎ (+84) 358-843-932 ✉ dungtn@connect.hku.hk 🌐 Website

Summary

Dung (Shayne) Nguyen is currently a Research Associate at Boston Consulting Group. He earned his MSc in Economics from The University of Hong Kong and his BA (Hons) in Economics from Fulbright University Vietnam. His main interests are political economy of development. He is keen on applying causal inference and data science techniques to gain deeper insights into these fields. Since 2024, he has contributed to eight Public Sector projects across provincial, national, and multinational levels of Vietnam and Southeast Asia.

Education

The University of Hong Kong

Pokfulam, Hong Kong

MASTER OF ECONOMICS (DATA ANALYSIS STREAM)

2023 - 2024

- CGPA: 3.68/4.3 (Dean's Honours List)
- Quantitative Coursework: Econometrics, Statistical Learning, Causal Inference, Advanced Topics in Econometrics, Textual Analysis for Economists, Applied Machine Learning, and Modern Econometrics for Business Strategy.

Fulbright University Vietnam

HCMC, Vietnam

BACHELOR OF ARTS, HONOURS APPLIED ECONOMICS

2019 - 2023

- CGPA: 3.77/4.0 (Departmental Highest Honours)
- Quantitative Coursework: Linear Algebra, Statistics, Probability Theory, Calculus, Econometrics, Machine Learning, and Deep Learning.

Relevant Experience

Boston Consulting Group (BCG)

Vietnam and Southeast Asia

RESEARCH ASSOCIATE

Sept 2024 - Now

- Team member of the Southeast Asia Research Team with a specific focus on Public Sector and Economic Development cases.
- Lead research initiatives on macroeconomics, geopolitics, and public policy for the Vietnam office.
- Worked and supported eight public sector projects in Southeast Asia (SEA) by using both theoretical and empirical economic evidence. Selected projects include:
 - + Designed a private sector engagement strategy for a SEA government to support around 1 million businesses and drive 5–10% of GDP.
 - + Developed urban development strategy for a green and smart city in SEA to accommodate 230,000 residents and 8 million annual visitors.
 - + Developed a national blockchain strategy for a SEA government to improve public service experience for more than 62 million identified users.

Vietnam Chamber of Commerce and Industry (VCCI)

Remote

ECONOMICS RESEARCH

July 2024 - Now

- Supported Dr. Tuan-Ngoc Phan and VCCI team to lead four policy reports on the potential impacts of regional linkages in improving the business environment, environmental protection, sustainable development, FDI and investments.
- Collaborated with the research team to provide macroeconomics reports for local governments of four provinces including Quang Ninh, Hai Phong, Hai Duong, and Hung Yen.
- Employed Python and Stata to derive empirical insights from around 10,000 firms of the Provincial Competitiveness Index (PCI) survey.

Fulbright University Vietnam

HCMC, Vietnam

RESEARCH COLLABORATOR

Sept 2023 - May 2024

- Project: Vietnam GSO Enterprise Survey
- Support Dr. Tuan-Ngoc Phan and Prof. Markus Taussig to interpret and compile the largest firm-level data of Vietnam.
- Manipulated and compiled a 2013-2018 panel data with more than 1 million samples to extract descriptive insights for relevant research projects in business and political economy.

YSEALI Academy at Fulbright University Vietnam

HCMC, Vietnam

RESEARCH ASSOCIATE INTERN

Oct 2022 - Aug 2023

- Project: Digital Proxy War: Internationalization strategies of leading digital firms from the US and China.
- Performed quantitative analysis on a time-series dataset of 91 app downloads from more than 30 different markets.
- Conducted market research, analyzing academic, business case study, and other ad-hoc tasks to deduce insights for the research.

Vietnam Institute of Economics

Hanoi, Vietnam

RESEARCH INTERN

May 2021 - Oct 2021

- Project: Vietnam Social Pension Fund Sustainability: Current problems and future implications.
- Developed model with different demographic scenarios to forecast and evaluate the financial sustainability of the Social Pension Reserve Fund of Vietnam until 2047.
- Utilized ILO materials focused on actuarial valuation methods for national security schemes and literature review to address possible policy changes to improve the Social Insurance Reserve Fund performance.

Publications

“Knowledge Consultation for Semi-Supervised Semantic Segmentation”

with Thuan Than, Nhat-Anh Nguyen Dang, Salwa K. Al Khatib, Ahmed Elhagry, Hai Phan, Yihui He, Zhiqiang Shen, Marios Sawides, Dang Huynh. *Working Paper*.

“HetWindow: Deep Heterogeneous Window-Based Imputation Using Diverse Spatial-Temporal Contexts”

with Thuan Than, Thu Nguyen, Dang Huynh.

Honours & Awards

Fully-Funded Optimas Capital Scholarship , The University of Hong Kong	2023
First Prize of AIxIMPACT Case Competition , QuantumBlack, AI by McKinsey	2022
Country First Runner Up of 3M Inspire Challenge , 3M Vietnam	2021

References

Professor Quan V. Le

Former Academic Director,
The University of Hong Kong in Vietnam
lv.quan@iced.org.vn

Professor Tuan-Ngoc Phan

Assistant Professor in Political Economy,
Fulbright University Vietnam
ngoc.phan@fulbright.edu.vn

Professor Dang Huynh

Assistant Professor in Computer Science,
Fulbright University Vietnam
dang.huynh@fulbright.edu.vn

Miscellaneous

Programming Languages	Python (Preferred), R, Stata (Intermediate), \LaTeX
Software and Tools	GitHub, Microsoft Office Suite (Word, Excel & Powerpoint)
Databases	EMIS, Global Data, Capital IQ, Refinitiv, Oxford Economics, Orbis
Languages	English, Vietnam, Mandarin (Learning)
Resident Status	Vietnamese, Hong Kong (IANG)