

CURRICULUM VITAE

HUNG NGUYEN

Homepage: <http://bianalytics.biz/> | **LinkedIn:** <https://linkedin.com/in/hungnguyen150/> | **Gitlab:** <https://gitlab.com/hungnd231> | **GitHub:** <https://github.com/ndh150>
Email: nguyenduchung.neu@gmail.com | **Mobile:** +84 8 666 77 018 | **Skype:** [duc-hung.nguyen](https://www.skype.com/user/duc-hung.nguyen)

Biography: Aiming to be specialist at the top of Business Intelligence and Data Science, I have experienced in the economics industry, having worked in the academic sector and additionally have worked as business intelligence and risk management, within the industry. My first job was an analyst at the Ministry of Planning and Investment of Vietnam from 2011 to 2012, then moving to the National Economics University and Vietnam Academy of Social Sciences. Within the industry sector, I had served as a business intelligence analyst, as well as a risk management analyst at the Vingroup JSC Head Office, from 2014 to 2016. Recently, I have served in the role of Business Intelligence at the FPT Group.

Jobs: *Business Intelligence | Big Data Analyst | Market Research | Risk Management Analyst | Macroeconomic & Policy Analyst*

EDUCATION

Master of Arts in Economics of Development, Joint Program between National Economics University (Vietnam) and International Institute of Social Studies, Erasmus University Rotterdam (the Netherlands) Dec-2013 to Mar-2016

- Overall GPA: 8.35/10 (equivalent to 3.34/4.0) | Credits: 41 ECTS
- Thesis: "The Impact of Public Investment on Household Income and Poverty reduction: The case of Vietnam" (9.0/10)
- Supervisor: Assoc. Prof. Pham The Anh, Ph.D.

Bachelor of Economics, Faculty of Economics, National Economics University Aug-2007 to Jun-2011

- Ranking: Credit | Overall GPA: 7.7/10 (equivalent to 3.1/4.0) | Credits: 191 ECTS
- Dissertation: "The Identification and Measurement of Herding Behavior in the Vietnam Stock Market (9.5/10)," excellent dissertation on a research project that won two awards at both university and national levels
- Supervisor: Assoc. Prof. To Trung Thanh, Ph.D.

Certificate of Completion, Data Science Courses Jul-2018 to 2019

Certificate of Completed Studies, Pre-Master and -PhD Courses in Mathematics, Econometrics and Economics, Viet Nam Center of Research in Economics, Management and Environment Dec-2015 to Dec-2016

TECHNICAL SKILLS AND ABILITIES

Language: **Vietnamese** (mother tongue), **English** (fluent)

Technical skills: { Rating by 5-point Likert scale → 1-Poor, 2-Basic, 3-Competent, 4-Excellent, 5-Expert }

- Programming: **Python** (3), **R** (3), **Scala** (3), **SPARK** (3), **SQL & NoSQL** (3), **STATA** (4)
- Bigdata Technology: **Scala** (3), **SPARK** (3), **Hadoop** (3)
- Visualization & Report **Tools:** **Power BI** (3), **Tableau** (3), **Data studio** (3)
- Favourite **IDEs:** IntelliJ IDEA, Jupiter/Colab Notebook, VScode, RStudio, PyCharm, Spyder
- Statistics and Econometrics: **STATA** (5), **R** (3), **SPSS** (4), **EViews** (5)
- MS Office: **VBA** (2), **Excel** (4), **Word** (4), **Powerpoint** (4), **Access** (3)
- Some other Tools: **Git** (3), **ArcGIS** (2), **LaTeX** (2), **EndNote** (4)

PROFESSIONAL EXPERIENCE

Business Intelligence Specialist, FPT Group, Hanoi, Vietnam Aug-2019 to present

- Designing research projects based on the request of the Department of Corporate Communication (Brand Health Check, Customer insights, Market Report, Competitive Report, etc).
- Proposing data collection strategy, research methods suitable to each project
- Collecting data from different sources, analyzing necessary data / reports and giving guidance to relevant departments (Marketing, Communication, etc.) in developing content strategies, approaching related entities (stakeholders)...
- Coordinate with relevant internal units such as Marketing & Sales and Technology Department to update the Data Warehouse
- Using BI tools to build Dashboards and Reports for owned media (Website, Facebook, Youtube, etc.) and ads campaigns.
- Establishing data collection and analysis processes, developing data collection systems to optimize the efficiency and quality of statistics.

Big Data Analyst, Viettel Group, Hanoi, Vietnam June-2019 to Jul-2019

- Analyzing and mining large-scale structured and unstructured data sources to find key insights
- Interpret data, synthesize results using statistical techniques and other Machine Learning data mining techniques
- Identify, analyze, and interpret trends or patterns in complex data sets
- Collaborating with Data Scientist to extract a lot of user features from big data telecom streaming and social network data
- Work with clients to analyze their data requirement and provide business & information needs
- Perform other duties and responsibilities

Founder & Business Intelligence Head of HiAlrobo, Household Business, Hai Duong City, Vietnam 2018 to 2019

- Build business strategy, brand and develop business planning 2018 – 2020
- Conduct market research based on HiAlrobo products and services to determine target markets & maximize sales and profits
- Design & build computer programs for collecting data, minimizing the cost of sales, setting prices, estimating sales and profits
- Develop, host and run e-store HiAlrobo.com using open source e-commerce platform, manage sales and customer databases, and integrate to the platforms such as Google Ads and Google Analytics to maximize sales.
- Build & perform e-commerce marketing and advertising campaigns using Google Ads and social media (Facebook Ads, Zalo Ads), e-commerce platforms (Sendo, Shopee, Lazada), online publishing platform (Medium), and content marketing
- Run affiliating marketing programmes (Amazon, Alibaba) and drop shipping business
- Perform other duties and responsibilities

Data Collection Specialist & Production Operator, San Remo Macaroni Company, South Australia Australia 2018 to Mar-2019

- Trained to operate the packaging line area including packaging robot, and to operate cartoning & palletizing robots
- Gather and manage data inputs from the packaging line, packaging robot, and operate cartoning & palletizing robots
- Identify robot programming errors and adjust robotic programs to keep the robot in properly operation
- Identify robot errors, machine errors, and quality flaws to record them in paperwork
- Small maintenance, and manual assembly of small parts using programs & handheld tools for change over products
- Reading and understanding international work orders, making tickets and doing ticket transfers
- Keep count of production and record all counts accurately to meet production targets for each job on each shift
- Adhere to confidentiality procedures and policies when collecting, storing and sharing data
- Adhoc duties and responsibilities as requires

Research & Policy Analyst, Vietnam Academy of Social Sciences, Hanoi Vietnam 2016 to 2017

- Analyze and evaluate the impact of the world economy on Vietnam
- Review macroeconomics, analyze fiscal and monetary policies in the Americas, focusing on the U.S.
- Make America’s Economic Reports (monthly, quarterly, annually), focusing on the U.S. economy
- Review macroeconomics, analyze fiscal and monetary policies in Southwest Asian economies, focusing on India
- Review legislation and policies, write policy commentaries, and evaluate the effects of existing policies on bilateral trade between Vietnam and the Americas (focus on the U.S.) and Southwest Asian economies (focus on India)
- Prepare written reports, analyses, briefings for policies and conferences
- Join in policy-oriented research projects: [[click HERE to see List of Projects and Grants](#)]
- Perform adhoc duties and reports as assigned

Business Intelligence Analyst & Risk Manager, Headquarters of Vingroup JSC, Hanoi Vietnam Nov-2014 to Feb-2016

- Make periodical macroeconomic reports, risk management reports, and strategic business reports
- Analyze and forecast macroeconomic indicators (e.g., exchange rate, inflation, interest rates), market supply & demand (e.g., total supply of apartments and condos, occupancy rate of hotels and resorts, rental and property prices)
- Monitor and evaluate the impacts of macroeconomics and policies on the core business sectors of Vingroup
- Analyze and manage market & macroeconomic risks, and design & build Risk Profiles for subsidiaries and consolidation
- Design & build Proformas, Indexes, and KPIs/KRIs for subsidiaries and consolidation
- Maintain, update and develop the Real Estate and Macroeconomic Databases for analyzing and researching purposes
- Design surveys, build questionnaires, analyze and visualize the collected data such as consumer satisfaction and preference
- Adhoc reporting data analysis and adhoc business intelligence analysis

Co-founder & Member of the Executive Board, F-Group Vietnam, Hanoi Vietnam Mar-2012 to Sep-2014

- Build operational strategies, propose F-Group organizational structure, and develop Master Plan 2012 – 2014
- Design brand (vision, mission, core values, logo, slogan, website, etc.) & develop research database
- Head of F-Research (2012-2013): Organize research groups, write policy commentaries, translate academic publications in the economics of free market from English to Vietnamese, run a series of academic debates and seminars, etc.
- Spread F-Group values: Host activities related to free-training and knowledge-sharing courses (e.g., Guide to write academic articles and publish in peer-reviewed journals, Minicourses for application of statistical & econometric software in economics)
- Community Activities: Member of Advisory Boards for Student Competitions in Economics and Policy
- Build & develop F-Group Networks & adhoc duties

Teaching & Research Assistant, National Economics University, Hanoi Vietnam Feb-2012 to Jul-2014

- Teaching assistant at the Faculty of Economics, and research assistant at the Institute of Public policy and Management
- Teaching assistant for the mini course of Applied Econometrics hosted by Asia-Pacific Institute of Management
- Participate in the research projects of monetary and fiscal policies, economic growth and poverty in Vietnam
- Support student management and prepare related training materials for the MDE program

Analyst, Agency for Business Registration of Ministry of Planning and Investment, Hanoi Vietnam Jun-2011 to Feb-2012

- Review legislation and policies, evaluate the effects of existing policies, write policy commentaries

- Research & report on a wide array of policy issues related to business registration management
- Conduct quantitative & qualitative analysis using National Business Registration Database and publicly available datasets
- Preparing written reports, analyses, commentaries, briefings, and memoranda for business registration management agenda
- Build the systematic processes and administrative procedures for business registration
- Perform adhoc duties and reports as assigned

Business Analyst Intern, Treasury Department of Military Bank, Hanoi Vietnam Jan-2011 to Jun-2011

- Design templates for a variety of Macroeconomic and Commodities Reports: Final ones used by the bank
- Collect and analyze the policies issued by the Government and SBV that affect the financial and banking sectors
- Analyze and forecast key macroeconomic indicators such as GDP, Inflation, Bilateral Exchange Rate and Interest rates
- Maintain and update macroeconomic database
- Adhoc reporting & analytics and perform other related duties as requested by Chief Economist

AWARDS, HONORS, AND DISTINCTIONS

The Third Prize of “Vietnam Award for Young Scientist Talent 2011”	Dec-2011
<ul style="list-style-type: none">• Awarded by Ministry of Education and Training (MOET) in association with Ministry of Science and Technology, Vietnam Fund for Supporting Technological Creation, Vietnam Television and the Vietnam Chamber of Commerce and Industry, and others	
The First Prize of “NEU Award for Young Scientist Talent 2011”, National Economics University	Jul-2011
The Silver Prize (no golden prize) of “Award for the Excellent Paper on Economics and Policy”	Nov-2010
<ul style="list-style-type: none">• Awarded by Vietnam Institute for Economic and Policy Research, University of Economics and Business–Vietnam National University	
The Third Prize of “NEU Award for Young Scientist Talent 2010”, National Economics University	Jun-2010
Full Scholarship for Summer School 2014: “Advanced Course on the Market Economy”	Oct-2014
Full Scholarship for Summer School 2011: “The Foundations of the Market Economy”	May-2011
<ul style="list-style-type: none">• Awarded by the ATLAS Economic Research Foundation and the Vietnam Institute for Economic and Policy Research	

PROJECTS AND GRANTS

List of Projects and Grants: [\[click HERE to see List of Projects and Grants\]](#)

PUBLICATIONS

List of Publication: [\[click HERE to see List of Publications\]](#)