

EDUCATION

George Washington University

M.Sc in Applied Economics - [Fulbright Scholarship](#)

Washington DC, USA

2020 - 2022

Brown University

Economic Development Fellowship - [YSEALI Scholarship](#)

Providence, Rhode Island, USA

Fall 2018

University of Economics Ho Chi Minh City

B.Sc. in Economics - Graduated with Distinction

Ho Chi Minh City, Vietnam

2013 - 2017

PROFESSIONAL EXPERIENCE

[International Monetary Fund \(IMF\)](#)

Projects Officer (FINANCIAL INSTITUTIONS DIV. - STATISTICS DEPT.)

Washington DC, USA

Jan, 2025 - **PRESENT**

- Modernized the Financial Access Survey (FAS) production cycle by designing and implementing a data governance model for automated validation, aligning SDMX-based metadata and reference data structures across datasets and reducing manual ingestion and validation time by 90%.
- Led the cross-divisional design of a Financial Inclusion and Health portal in iData, applying the Generic Statistical Business Process Model (GSBPM) to define SDMX-compliant data and metadata structures that ensure interoperability, AI-readiness, and consistent use of code lists and concepts.
- Established training sessions on iData Studio, data transformation using quanthub in iData Studio, Power Automate, Sitecore, and SDMX artefacts (data structure definitions, code lists, concept schemes, dataflows) and data governance best practices, documenting processes and stage-gates to improve metadata quality, reproducibility, and knowledge transfer within the iData Departmental Migration Team.
- Strengthened IMF member countries' capacity in financial inclusion data and metadata management through targeted technical assistance and training under STA's D4D program, promoting the adoption of transmitting data through NSDP, standardized classifications, and improved metadata documentation.
- Acted as a liaison between FI, DO, DS, ITD, and CSF, translating business and data requirements into system specifications for iData Studio, Sitecore, and related tools, resolving misunderstandings, negotiating realistic timelines, and ensuring that collection, storage, and dissemination systems meet user needs.
- Led the migration of flagship IMF financial data products (FA, BOP, IIP, CF) to an SDMX-compliant data management platform, defining and implementing standardized metadata structures (codelists, concept schemes, hierarchies, DSDs, dataflows, ingestion pipelines) that improved data governance, interoperability, and Power BI-based dissemination.

[International Monetary Fund \(IMF\)](#)

Data Analyst (DATA OPERATIONS DIV. - STATISTICS DEPT.)

Washington DC, USA

Jun, 2022 - Jan 2025

- Served as a core change leader for migrating real sector products (SNA, IMTS, PPLT, CPI) to iData, ensuring alignment with the IMF Data Governance Framework and SDMX information model, and introducing a definition-of-done checklist that improved cross-team delivery reliability.
- Acted as a principal contributor to the migration of multiple IMF departmental data products into iData, harmonizing metadata and reference data (code lists, dimensions, series identifiers) and documenting data models and business rules to ensure seamless integration with dissemination tools such as Power BI.
- Led the Seasonal Adjustment and Regional Aggregate Automation Project for real sector databases, translating statistical policy into robust validation and transformation pipelines in Python and R, designing acceptance tests, and piloting the workflow on 190+ country datasets, which reduced manual work by 95% and strengthened data quality controls.
- Engineered automated data collection and surveillance processes using STASR and iData feeds to compare country National Summary Data Page (NSDP) submissions with internal databases, embedding data quality checks that cut manual surveillance work by 95% and improved timeliness and consistency across datasets.
- Collaborated closely with the Real Sector Division to expand automated data collection for SNA, DOT, PPLT, and CPI, freeing both DO and RE staff from manual data collection time by 90% and allowing greater focus on data standards, metadata consistency, and methodological issues.

International Finance Cooperation (IFC) - World Bank Group

Washington DC, USA

Research Analyst (MFG., AGRI. & SERV. UNIT - DEV. IMPACT DEPT.) - *Internship*

Jan, 2022 - May, 2022

- Supported AIMM scoring through healthcare demand estimation projects in multiple African countries, including Nigeria, integrating UN COMTRADE and market indicators to inform hospital loan decisions and project benchmarks.
- Standardized legacy consultant code into a versioned, documented data pipeline in Python and Stata, with clear validation checks and runbooks, which significantly reduced onboarding time for new analysts and improved reproducibility of analytical results.

The SPHERE Institute

Washington DC, USA

Statistical Programmer (RESEARCH DEPARTMENT) - *Internship*

Jun, 2021 - Aug, 2021

- Integrated the OHDSI Common Data Model into SAS with performance benchmarks, aligning internal ETL and metadata structures to an international standard and improving large-scale data processing efficiency by 40%.
- Conducted fraud detection analysis on health insurance claims using historical Medicare and Medicaid data.

The George Washington University

Washington DC, USA

Graduate Research Assistant (ECONOMICS DEPARTMENT) - *Supervisor: Prof. Chao Wei*

Mar, 2021 - May, 2022

- Supported research in economic impacts of aging; divorce; and childcare time allocation through dataset cleanings, mining, and econometric analysis.

Health and Agricultural Policy Research Institute (HAPRI)

Ho Chi Minh City, Vietnam

Research Associate - *Supervisor: Prof. Thang Vo*

Aug, 2017 - Aug, 2020

- Conducted economic research on both ex-post and ex-ante policy analysis, trade exposure and household welfare, health insurance, health economics, vulnerability to natural disaster and poverty alleviation.
- Created input-output table for trade using UN COMTRADE database. Utilized it and Vietnam production input-output for multiple policy briefs write ups.
- Assisted in drafting evaluation reports for current majors and courseworks at the School of Economics - University of Economics Ho-Chi-Minh City for ASEAN University Network-Quality Assurance (AUN-QA) certificate.
- Created, processed and managed research database. Maintained institute's website and GitHub repository.

US Consulate General - International Trade Administration

Ho Chi Minh City, Vietnam

Commercial Assistant (COMMERCIAL SERVICES OFFICE) - *Internship*

Dec 2016 - Jul 2017

- Assisted Commercial Officers to organize and support US delegates in high ranking meetings with Vietnamese diplomats and officials. Provided logistics support for US trade fairs and summits in Vietnam
- Compiled drafts for diplomatic notes and letters. Assisted in researching and writing market research reports.

University of Economics Ho-Chi-Minh City

Ho Chi Minh City, Vietnam

Research Assistant (SCHOOL OF ECONOMICS) - *Supervisor: Prof. Thang Vo*

Sep, 2015 - July, 2017

- Conducted and assisted in empirical economic studies with concentration on social capital network, vulnerability to poverty, health economics; Administrated economic data for the school.

PUBLICATIONS

- [1] Fozan Fareed, Katia Huayta-Zapata, [Dinh Nguyen](#), and Miguel Segoviano (lead). “**Fintech, a Catalyst for Financial Services Access, Innovation, and Growth**”. English. In: *Financial Access Survey (FAS) Annual Report - International Monetary Fund* (2025). DOI: <https://data.imf.org/-/media/iData/External-Storage/Documents/7FC05452C6C743D2BFB6188D2E248A38/en/2025-FAS-Annual-Report.pdf>.
- [2] Thang Vo, Duyen Tran, [Dinh Nguyen](#), and Ha Truong. “**Trade liberalization and nutrition transition: how export influences households’ macronutrient consumption in Vietnam**”. English. In: *Food Security* (2025). DOI: [10.1007/s12571-025-01555-3](https://doi.org/10.1007/s12571-025-01555-3).
- [3] Thang T. Vo and [Dinh Nguyen](#). “**Impact of Trade Liberalization on Household Welfare: An Analysis Using Household Exposure-to-Trade Indices**”. English. In: *Social Indicators Research* 153 (2021), pp. 503–531. DOI: [10.1007/s11205-020-02499-1](https://doi.org/10.1007/s11205-020-02499-1).
- [4] [Dinh Nguyen](#), Thang Vo, and Vu Vo. “**Tourism Value of Can Gio Mangrove Forest: Travel Cost Method**”. Vietnamese. In: *Journal of Economic Developments* 28.8 (2017), pp. 84–106.