

# Hieu Nguyen

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## EDUCATION

**Dickinson College**, Carlisle, PA

*exp. May 2022*

*Bachelor of Science*, Double major in Quantitative Economics & Mathematics

**Cumulative GPA: 3.8**

**Related Coursework:** Advanced Econometrics, Public Finance, Gender & Development, Demography & Sustainable Development, Contending Economic Perspectives, Macroeconomics, Microeconomics Modeling in Excel, Topology, Real Analysis, Operations Research, Abstract Algebra, Linear Algebra, Differential Equations, Higher Foundation of Mathematics, Integration and Infinite Series, Multivariable Calculus, Accounting

**Honors and Organizations:** Data Summer Scholar (Harris School of Public Policy), Dean's List Academic Achievement Award, Economics Major Committee, Pi Mu Epsilon, Vice President (Vietnamese Students' Association), Tax Volunteer

## SKILLS

|                                          |                                                                                                  |
|------------------------------------------|--------------------------------------------------------------------------------------------------|
| <b>Utility Proficiency</b>               | Microsoft Office, Google Suite, LaTeX                                                            |
| <b>Data Analysis &amp; Visualization</b> | STATA, Python (GitHub <a href="#">link</a> ), Tableau (portfolio <a href="#">link</a> ), PowerBI |
| <b>Database Management</b>               | SQL, Excel, Airtable                                                                             |

## PROFESSIONAL EXPERIENCE

*Sustainability Data Analyst Intern*, **Center for Sustainability Education**, Dickinson College *Dec 2021–Present*

- Manage databases on educational self-assessments and survey/interview notes regarding students' awareness of green practices and sustainable lifestyle, then conduct an Exploratory Data Analysis of these qualitative data
- Write research reports with Tableau interactive visualizations on various sustainability changes in behavior, carbon emissions, and food waste, helping the school make effective data-driven sustainability policies
- Reduce the amount of dining food waste by 20 percent and energy use by 22 percent on average than the last semester
- Consult about 50 community members in Dickinson and Carlisle on energy efficiency and waste management solutions

*Teaching Assistant*, **Mathematics Department**, Dickinson College *Dec 2021–Present*

- Assist students in small groups during math labs to help them engage with the materials and review their progress
- Supervise homework grading, administrative work, and lesson preparation for evening math help room

*Research Assistant*, **Jenny Tue Anh Nguyen (Ph.D.)–Institute for Innovation and Public Purposes** *Aug 2020–July 2021*

- Collaborated with Dr. Nguyen and worked on her competitiveness analysis of energy wholesale markets in Vietnam
- Constructed an open-source relational database of power plants, public/private companies, and relevant national policies following the ASEAN's promotion of open economy and energy transition
- Designed a primary research methodology using Excel, Python, SQL, and Social Network Analysis for visualization
- The database (underway to be submitted for peer-review) will be a useful tool for researchers interested in globalization, regional development, and Southeast Asia's energy market

*Investment Intern*, **Savills Vietnam**, Hanoi, Vietnam *Apr–June 2021*

- Received intensive weekly training in the principles and culture of the Vietnamese real estate market
- Conducted feasibility data-driven studies – modeling prices, incomes, and market values of the evaluated properties – based on financial statements and local real estate market under the effect of the COVID-19 pandemic
- Increased the number of foreign investors and their long-term consultancy plans with Savills by 15 percent QoQ

*Research Intern*, **Think Tanks & Civil Societies Program**, **University of Pennsylvania**, PA *Oct 2020–Jan 2021*

- Led the literature review on think tanks' performance in Vietnam and Southeast Asia as part of the publication report "2020 Global Go To Think Tank Index Report" guided by Dr. James G. McGann
- Wrote biweekly newsletters and organized virtual workshops about the importance of independent think tanks

*Intern*, **Viet Nam Institute for Economic and Policy Research**, Hanoi, Vietnam *June–Aug 2020*

- Attended biweekly 2-hour workshops on studying LaTeX and scraping Vietnam's Ecommerce price data in Python
- Edited and translated the tax policy research section in the Institute's Annual Economic Report