

# ANH DUC DO

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## SUMMARY

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I am an Economics Ph.D. candidate and statistical consultant with extensive experience in conducting research using advanced statistical methods and causal inference techniques. My personal research includes topics in Trade, Development, and Applied Microeconomics. I enjoy solving economic questions and delivering impactful, data-driven results in a collaborative and dynamic environment.

## WORK EXPERIENCE

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### Michigan State University

East Lansing, MI

#### Graduate Researcher, Assistant, and Instructor

August 2019 – Present

- Leverage advanced econometric techniques and high-frequency trade data to study the causal impacts of policy uncertainties on imports, transshipment hubs on trade flows and the global supply chain
- Utilized the super-computing cluster to process hundreds of millions of containerized U.S. imports
- Assist professors with data cleaning, statistical analysis, and result visualization
- Communicate topics in economics as an instructor and teaching assistant

### MSU Center for Statistical Training & Consulting

East Lansing, MI

#### Statistical Consultant

May 2023 – May 2024

- Collaborated with and provided high-quality statistical services to MSU faculty, staff, and graduate students from multiple departments
- Developed an R package for MSU College of Osteopathic Medicine (MSUCOM) to evaluate the curriculum and predict student performance on licensing examinations using machine learning techniques, improving the quality of MSU COM's medical education and academic advising
- Prepared, negotiated, and signed a consulting bid to secure extra funding for CSTAT (\$1,585)
- Managed a large number of projects simultaneously

## LEADERSHIP & SERVICE

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### MSU Council of Graduate Students

East Lansing, MI

#### Department Representative and Finance Committee Member

January 2021 – January 2023

- Represented 80 Economics Doctoral students to discuss and vote on university-level legislation
- Managed an annual budget of \$255,000, which includes evaluating funding requests from graduate students and graduate student organizations

## SKILLS

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**Software:** Stata, R, Git, Slurm Workload Manager, Python, SPSS, Microsoft Office, and LaTeX

**Research methods:** Causal Inference (difference-in-differences, event study, instrumental variables, regression discontinuity design, etc.), Machine Learning (decision tree, random forest, gradient boosting, k-nearest neighbors, etc.), Advanced Regression Analysis, Bayesian Statistics

**Languages:** Vietnamese, English, Chinese

**Other:** Project management, collaboration, contract negotiation, communication

## EDUCATION

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Ph.D.	Economics, Michigan State University	2021 – 2025 (expected)
M.A.	Economics, Michigan State University	2019 – 2021
B.A.	Economics with Mathematics minor, Dickinson College (Honors: <i>summa cum laude</i> , Phi Beta Kappa)	2015 – 2019