

## EDUCATION

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<b>Brown University</b> <i>Ph.D. in Economics</i> <ul style="list-style-type: none"><li>Research Fields: Macroeconomics</li></ul>	Providence, RI 2024 – Present
<b>Dartmouth College</b> <i>A.B. in Mathematics and Economics with Honors, magna cum laude</i> <ul style="list-style-type: none"><li>Nelson A. Rockefeller Prize in Economics for best performance in the major</li><li>First Place in the Thayer Mathematics Prize for first-year students</li></ul>	Hanover, NH 2020 – 2023
<b>Hanoi-Amsterdam High School for the Gifted</b> <i>High School Diploma with Mathematics specialization</i> <ul style="list-style-type: none"><li>Second Place in the 2018 Vietnamese Olympiad in Informatics</li><li>Ranked 1<sup>st</sup> out of 76,000 in the competitive high school entrance exam</li></ul>	Hanoi, Vietnam 2017 – 2020

## RESEARCH EXPERIENCE

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<b>Predoctoral Researcher in Economics and Computation</b> <i>Microsoft Research New England</i> <ul style="list-style-type: none"><li>Assisted Dr. Markus Möbius in developing C# and Python programs to retrieve, transcribe, and efficiently store online articles and video data, then analyzed news consumption behaviors using GPT-4 via the OpenAI API</li><li>Assisted Dr. Eleanor Dillon in debugging and optimizing MATLAB programs to estimate lifetime returns to entrepreneurship, including the option value of returning to paid employment</li></ul>	2023 – 2024 Cambridge, MA
<b>Research Assistant to Professor Diego Comin</b> <i>Dartmouth College</i> <ul style="list-style-type: none"><li>Conducted econometric analysis in Stata on granular data from the Firm-level Adoption of Technology survey to analyze drivers of varying technology sophistication across business functions of a firm</li><li>Created and refined tables, figures, and table notes for “<b>Anatomy of Technology in the Firm</b>” (<i>NBER Working Paper No. 28080</i>) using L<sup>A</sup>T<sub>E</sub>X</li></ul>	2022 – 2023 Hanover, NH
<b>Research Assistant to Professor Andrew Samwick</b> <i>Dartmouth College</i> <ul style="list-style-type: none"><li>Implemented and optimized stochastic, life-cycle models of consumption and labor supply in Python and C++, then provided simulation results to analyze college financial aid programs</li><li>Contributed to the R&amp;R process for “<b>The Insurance Value of Financial Aid</b>” (<i>Education Finance and Policy</i>, 2025)</li></ul>	2021 – 2023 Hanover, NH

## TEACHING EXPERIENCE

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<b>Undergraduate Teaching Assistant</b> <i>Dartmouth College</i> <ul style="list-style-type: none"><li>Intermediate Macroeconomics (Fall 2023), Intermediate Microeconomics (Spring 2023), Theory of Finance (Fall 2022, Winter 2023), Real Analysis (Winter 2023)</li></ul>	2022 – 2023 Hanover, NH
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## TECHNICAL SKILLS

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**Programming:** Python, R, Stata, MATLAB, C++, C#  
**Tools:** Git/GitHub, L<sup>A</sup>T<sub>E</sub>X, Visual Studio/VS Code, Microsoft Excel, High-Performance Computing Cluster  
**Languages:** Vietnamese (native), English (fluent), French (beginner)