

# NATHAN JAMES WILLIAMS

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## EDUCATION

### Emory University

Atlanta, GA

*Ph.D. Economics*

2020 - 2025 (Expected)

Area of Focus: *Continuous Time Macroeconomics, HANK Models, Wealth Distributions*

Courses taken: International Finance (Vivian Yue), Imperfect Competition and Markets (In-Koo Cho), Time-Series Econometrics (Elena Pesavento, Juan Rubio-Ramirez)

### Saint John's University

Collegeville, MN

*B.A., Economics, Minor in Mathematics*

2015 - 2019

Undergraduate Advisor: Louis Johnston

## RESEARCH AND WORK EXPERIENCE

### American Transportation Research Institute

Minneapolis, MN

*Research Analyst*

2019-2021

I served as the statistics and data expert at the American Transportation Research Institute. I oversaw data collection, research methodology synthesis, and implementation of quantitative techniques in research. In addition, I wrote published reports synthesizing quantitative conclusions for an audience of varying levels of expertise. I worked extensively in R, and have worked in Python as well.

### Saint John's University

Collegeville, MN

*Teaching Assistant*

2017-2019

I aided in the teaching of Statistics, Calculus, and Linear Algebra to students of varying mathematical backgrounds and abilities. I graded homework, as well as facilitated a positive learning environment, where students felt welcomed and empowered to ask questions related to mathematics.

### Federal Communications Commission

Washington, D.C.

*Economic Analysis Intern*

7/2018-9/2018

I worked in the Office of Strategic Planning and Policy Analysis, now known as the Office of Economics and Analytics. There, I scraped websites for phone plan data, as well as researched and wrote a paper on piracy enforcement from an international perspective. I served as a Research Assistant to a paper on efficient allocation of spectrum in the broadcasting field.

## TECHNICAL

### Statistical software

R, SPSS, SAS, Python, Matlab