

ANNAIS GANGOLF

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EDUCATION

Bachelor of Science, Haverford College May 2025
Major in Economics and Minor in Mathematics GPA: 3.589/4.000

Relevant Coursework: Real Analysis (LaTex), Data Structures (Java), Probability, Categorical Data Analysis, Advanced Econometrics (Stata), Machine Learning (Python), Advanced Microeconomics

Skills: Excel, LaTex , R-Studio, Java, Python, Stata

Soft Skills: cleaning large data, visualizing data, presenting and interpreting quantitative results

EXPERIENCE

Independent Projects May 2025 - Present
Entrepreneur Oak Forest, IL

- **100 Doors Property Management, LLC (July 2024 - Present):** Built an early-stage real estate management & development business driven by data and market research; conducted comparative pro forma analysis; acquired, renovated, and actively manage a two-flat; currently pursuing a real estate broker's license
- **Noria, LLC (September 2025 - Present):** Noria is a brain supplement designed to support women's hormones and cognitive function. My co-founder and I have created a business plan, developed customer acquisition strategies, and conducted extensive networking with mentors and industry peers. We are working to find suppliers and financing
- **Independent Research - Working Papers (May 2025 - Present)**
 - *An Analysis of TIPS ETFs Markets from 2018 to 2024:* Extension of 2023 summer research. Evaluated how eight TIPS ETFs with varying duration and liquidity responded to realized inflation and Fed policy. Gathered data by scraping SEC filings. Used SEC data to compute real yields and derive ETF-specific breakeven inflation rates. Breakeven rates will be used in future research as a measure for inflation expectations
 - *Wealth Building Strategies & ETF Investing for Young Investors:* Developed an investment philosophy for middle-income young adults through research on personal finance, flagship ETF performance, and real estate investment strategies. Translated this research into a financial coaching curriculum

Summer Research Intern in Financial Stability May 2023 - August 2023
Federal Reserve Bank of New York New York, NY

- Assisted on a project documenting changes in exchange-traded funds (ETF) tracking Treasury Inflation Protected Securities (TIPS) in inflationary environments to assess if trends can gauge risks around the inflation outlook
- Used ETF Global data to create summary statistic tables and time series plots to understand the data; developed cleaning methods when errors were identified by gathering and comparing data from Bloomberg Terminal
- Analyzed the underlying securities of 18 ETFs by calculating a ratio comparing the likeness of two ETFs and by creating a graph showing the security composition of ETFs over time

Micro-data Intern May 2022 - August 2022
Federal Reserve Bank of Philadelphia Philadelphia, PA

- Worked alongside economists to analyze differences in consumer expenditure (CE) across varying household demographics, compare BLS CEX to BEA PCE, and measure Economic Impact Payments effect on CE
- Cleaned 20 years (2001-2021) of BLS PUMD data to replicate BLS CEX tables; developed flexible Stata code fit to recognize changes in file and variable names and simultaneously seasonality data using X-13
- Generated time series graphs on consumer spending for varying household demographics; created an analytical report showing low income household CE rebounded more slowly than high income households

Impact Investing Research Assistant
Haverford College

June 2021 - August 2021
Haverford, PA

- Cultivated a customized dataset of 100 potential impact investors for six social entrepreneurs detailing investment criteria, strategy, size, and capital type; provided tiered recommendation list of investors
- Researched baseline statistics to populate metrics in a model measuring three startups' social impact; applied findings to the startup's data to form five-year projections of revenue and cost savings to society

COLLEGE ACTIVITIES

Haverford Economics Research Club - Founder and Cohead

September 2021 - May 2024

- Replicated Section IV.A of "The Economic Impacts of COVID-19" by Chetty et al. Extended their work by exploring the affect of state reopening policies across different industries
- Planned alumni research presentations and prepared underclassmen by teaching Stata and empirical methods

Haverford Microfinance Consulting Club - Cohead

May 2020 - May 2024

- Researched and presented on micro-finance institutions to inform five loans to undeserved communities
- Ran due diligence on Honey Comb Credit startups to determine the best investment strategy for a \$200 loan; reviewed financial statements and cash flow analysis
- Led, coordinated, and oversaw a yearly bake sale which raised \$200 to fund future loans