

# Nolan Boyea

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## EDUCATION

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### Miami University

Quantitative Economics, Mathematics  
GPA: 3.69/4.00

Oxford, Ohio  
08/2022 - Expected 05/2026

## RELEVANT EXPERIENCE

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### Federal Reserve Challenge Team

Researcher

Oxford, Ohio  
05/2024 - Present

- Investigating the risk from Commercial Real Estate Loans to the Macroeconomy
- Examining the potential blowback from deflationary pressures in China
- Collaborating with eight other people on script and presentation to tell a clear, data driven story

### Chmura Economics and Analytics

Economic Consulting Intern

Cleveland, Ohio  
05/2024 - Present

- Used Python to automate data collection for 27,000+ real estate parcels, saving 10hrs of copy/paste work
- Wrote 700+ word blog post analyzing changes in tourism revenue percent of GDP over time for select cities
- Conducted thorough literature review of 20+ studies, summarized most relevant for client facing documents
- Consolidated project tracking spreadsheets in Excel

### Outdoor Pursuit Center of Miami University

Trip Leader

Oxford, Ohio  
08/2023 - Present

- Co-leading single and multiday rock climbing trips with 10-30 new climbers
- Teaching and clarifying technical safety concepts

Rock Climbing Teacher's Assistant

08/2023 - Present

- Supervising rock wall safety for class of 10-30 people alongside instructor
- Helping students optimize their climbing, instructing in intermediate climbing moves

## PROJECTS

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### Economics of Financial Crises and Recessions

- Researched risk of recession in South East Asian Economies
- Constructed an index examining the risk of a China-caused recession to South East Asian nations
- Examined the root causes of financial panics

## RELEVANT COURSEWORK

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**Economics:** Economics of Strategy, Intermediate Microeconomics, Intermediate Macroeconomics

**Mathematics:** Calculus III, Differential Equations, Optimization, Intro to Statistical Modelling, Probability

## TECHNICAL SKILLS

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**Python:** Knowledge of Pandas, Seaborn, Matplotlib, and Selenium Packages

**R:** Multiple Linear Regression, Block Testing, Statistical Analysis and Data Cleaning

**Excel**

## ACTIVITIES

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### Economics Club

President

Oxford, Ohio  
11/2023 - Present

- Boosting club attendance by 3x, from 10 to 30 members
- Managing the Economics Club Project Team, consisting of 10 people with diverse majors
- Ensuring objectives for the Project Team Economic Impact Study are completed on time

### Model Arab League

Treasurer

Oxford, Ohio  
05/2024 - Present

- Researching Middle Eastern countries economic outlook and economic policies
- Drafting and collaborating with up to 20 other delegations on policy solutions to thorny economic challenges