Nicholas W. Baum

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Education

Columbia University   New York, NY
B.A. in Economics & Statistics – GPA 3.7/4.0   Aug 2023 – May 2027 (Expected)
Relevant Coursework: Intro to Econometrics, Appl. Statistical Computing, Calc-Based Statistics, Intermediate Microeconomics
The Jewish Theological Seminary of America   New York, NY
B.A. in Jewish History   Aug 2023 – May 2027 (Expected)

Research and Presentations

Research Assistant   New York, NY
PhD candidate Patrick Farrell, Columbia University   Aug 2025 – Present
- Generate 10+ maps of New York through QGIS using historic census data, filter them to visualize patterns in data, and export new shapefiles to analyze trends in neighborhood geography and fire rates in the 1970's and 80's.
- Monitor and assess pre-trend data between treatment and control neighborhoods to understand causal effects.

Research Assistant   New York, NY
Professor David Weinstein, Columbia University   Aug 2024 – May 2025
- Coded 3 Python web scraping programs that extract data on 100,000+ entries on book authorship, word coinage, and historical dates from national library websites into organized Excel datasets.
- Extracted international trade data from online databases such as FRED and EuroStat, using both Python and R to create 15+ correspondence tables between these databases' metadata on Excel to facilitate further analysis.
- Gained high-level insight in the econometric theories and tools behind different types of regression analysis.

Federal Reserve Bank of Cleveland Economic Scholars Program   Cleveland, OH
"Ferry Service and Residential Property Values: Evidence from New York City's Soundview Neighborhood"   Apr 2025
'Ordoliberalism: The Next Generation' Workshop   Freiburg, Germany
"Bagehot's Dictum and the Fed in the Global Financial Crisis," only undergraduate to present   Jul 2024

Professional Experience

Verisk Analytics   Jersey City, NJ
Data Analyst Intern   Jun 2025 – Aug 2025
- Uploaded 25 interactive dashboards with the Sigma BI tool to present underwriting and financial trends in the property and casualty (P&C) insurance industry, assessing broader trends and making predictions with the data.
- Authored research reports on 5 key insurance carriers' underwriting and financial performance and trends.
- Filtered, retrieved, and analyzed 1,000,000+ entries from large datasets in the firm's Snowflake platform with SQL.

Foundation for Individual Rights and Expression (FIRE)   Philadelphia, PA
Summer Intern   May 2024 – Aug 2024
- Visualized survey data from 10,000+ respondents at 50+ college campuses with R and used the Markdown tool to present ~150 key findings for FIRE's 2025 College Free Speech Rankings to other researchers.
- Wrote 4 mock policy and legal memos on First Amendment rights, applying Bluebook style legal citation.

Extracurricular Experience

Columbia Economic Review, *Managing Editor*   Oct 2023 – Present
- Oversee 40 staff writers and editors in the Online Division, manage application cycle for ~90 candidates, and publish 30+ articles on economic topics per semester for an audience of ~10,000 readers.
- Decide timelines on all 30+ articles, edit them for structural and theoretical errors, plan and host ~10 hours of educational programming for writers on economic and rhetorical theory, and published 2 pieces of my own.

Columbia Sundial Magazine, *Senior Editor*   Aug 2024 – Present
- Published 9 articles with 11,300+ views on topics of campus life and city history, develop skills in journalism and due diligence by conducting interviews, incorporate quantitative analyses, and have cited 60+ sources in my works.
- Host weekly meetings where I've conducted and assigned primary and secondary edits on ~30 published articles.

Skills and Interests

- **Programming Skills:** Intermediate knowledge of Python, R, SQL, QGIS, and Java
- **Computer Skills:** Experience with Microsoft Excel, Word, PowerPoint, and Adobe Photoshop and InDesign
- **Interests:** Sports broadcasting, pickup soccer, exploring New York's local coffee scene, listening to heavy metal