

# William Barcelona

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## Education

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B.S., Economics	University of Washington	September 2013 - June 2017
- Included courses in financial econometrics, data science, and computer programming.		
Non-degree, Mathematics	George Washington University	January 2018 - June 2018
- Studied real analysis and introduction to proofs.		
Ph.D., Economics (withdrawn)	University of Wisconsin-Madison	August 2020 - December 2020
- Accepted with full funding. Withdrew after choosing a different career path.		

## Professional Experience

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<b>Senior Research Assistant</b>	<b>Federal Reserve Board of Governors, Washington, DC</b>	<b>July 2017 - July 2020</b>
<ul style="list-style-type: none"> <li>- Collected, cleaned, and merged data from a variety of sources to produce well-documented datasets in R and Stata.</li> <li>- Crafted numerous impactful charts and tables in FAME/GCL, LaTeX, MATLAB, R and Stata.</li> <li>- Applied and presented results from econometric techniques, including basic OLS, panel regressions, structural VARs, and dynamic factor models, in MATLAB, R, and Stata.</li> <li>- Coauthored and presented technical training materials in R, FAME, and GCL for new research assistants.</li> <li>- Collaborated with or provided research assistance for economists in the Division of International Finance, including the director of International Finance and the chief of the Emerging Market Economies section.</li> <li>- Coordinated forecasts across emerging market economies. Served as the main analyst for Indonesia and Israel, and authored briefing notes for Fed Governors, the Chairman, and the Vice Chairman.</li> </ul>		
<b>Research Intern</b>	<b>NW Economics, Seattle, WA</b>	<b>June 2016 – October 2016</b>
<ul style="list-style-type: none"> <li>- Researched and wrote technical notes on various topics, including annuity risk and the labor market.</li> <li>- Utilized LexisNexis to find, read, and categorize court cases in an Excel spreadsheet.</li> </ul>		

## Working Papers

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- ❑ "The Hidden Dragon: China's Contribution to the Global Cycle" (with Danilo Cascaldi-Garcia, Jasper Hoek, and Eva Van Leemput).
  - ❑ "U.S. Housing as a Global Safe Asset: Evidence from China Shocks" (with Nathan Converse and Anna Wong).

## Computing Experience

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- ❑ Proficient with Stata, R/tidyverse, FAME/GCL, LaTeX, and Microsoft Word/Excel/Powerpoint.
  - ❑ Familiar with Linux shell, Git, Java, EViews, MATLAB, SQL, and VBA.
  - ❑ Knowledgeable about basic web programming in HTML/CSS, PHP, and Jekyll.