

# Amanda McFarland

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1912 Channing Way | Berkeley, CA 94704

## EXPERIENCE

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- Emendata, LLC** Burlingame, CA  
Senior Data Analyst Jan 2021-Present
- Works collaboratively with clients in the healthcare industry to develop innovative research methodologies and analytic scoreboards that fit their agency's needs
  - Works independently on various workstreams, taking full ownership of all SAS code, analysis methodology, and storyboarding
  - Presents to clients, communicating results and facilitating discussion
- Federal Reserve Bank of Chicago** Chicago, IL  
Research Assistant, Microeconomics Jul 2018-Jul 2020
- Owned up to 5 long-term analytics projects concurrently and translated ad hoc open-ended questions into analytical queries, reporting to 10 senior economists across 3 teams
  - Implemented advanced statistical and econometric techniques for research and economic forecasting purposes in Stata, Matlab, and Excel
  - Performed data collection, cleaning, and visualization in Stata, Matlab, Excel, SQL, R, Python, and GIS
  - Coauthored peer-reviewed and short form reports with senior economists that translated complex data analysis into succinct insights for both technical and non-technical audiences
  - Automated the creation of biweekly reports for each project and led meetings with senior economists to communicate the results of the analyses
- Vassar College** Poughkeepsie, NY  
Teaching Assistant, Probability and Statistics Jan-May 2018  
Ford Scholar, Economics Department Jun-Aug 2017
- Assisted Prof. Sarah Pearlman in her research on the underrepresentation of women in computer science
  - Conducted a comprehensive literature review and collected, cleaned, and analyzed data in GIS and Stata
- Research Assistant, Economics Department Oct 2016-Dec 2017

## EDUCATION

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- Vassar College** Poughkeepsie, NY  
Bachelor of Arts in Economics, minors in Mathematics and Women's Studies May 2018
- GPA: 3.97/4.0, *summa cum laude* and departmental honors
  - Thesis Prizes: *The Marjorie Lynn Gluck Thesis Prize*, *The Agnes Reynolds Jackson Prize*
  - Senior thesis published in *The B.E. Journal of Economic Analysis & Policy*

## LEADERSHIP

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- Federal Reserve Bank of Chicago** Chicago, IL  
Diversity and Inclusion Committee Oct 2019-Jul 2020
- Founded and co-led a group of Research Assistants interested in improving the recruitment and retention of underrepresented minorities in the RA cohort
  - Influenced senior cross-functional stakeholders—including the RA Managers, the Assistant VP of Economic Research Administration, and the Executive Vice President/Director of Economic Research—to implement the committee's proposed changes to interviewing, onboarding, mentoring, and performance evaluation practices
- RA Tech Training Committee Apr-Aug 2019
- Envisioned, developed, and co-taught an 18-session tech training curriculum for new Research Assistants
- Vassar College** Poughkeepsie, NY  
Senior Captain, Varsity Women's Soccer Team Aug-Dec 2017

## SKILLS & INTERESTS

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**Statistical Programming Languages:** SAS, Stata, Excel, SQL, Tableau, Python, R, GIS

**Interests:** Soccer, road biking, reading fiction & sociology books, avid US Women's National Soccer Team fan