






Michael Boerman  
[www.michaelboerman.com](http://www.michaelboerman.com)

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CONTACT  [michaelboerman@hey.com](mailto:michaelboerman@hey.com)  
 [linkedin.com/in/michael-boerman](https://www.linkedin.com/in/michael-boerman)

PORTFOLIO  [Explained by Michael YouTube channel](#)  
 [Covid Lockdown Severity Index](#)  
 [michaelboerman.com](http://michaelboerman.com)

EDUCATION **Georgia Tech**, Atlanta, GA, USA  
2019 - 2020  
GPA: 4.0/4.0  
M.S. in Economics, concentration in econometrics  
  
**University of Alabama in Huntsville**, Huntsville, AL, USA  
2015 - 2019  
GPA: 4.0/4.0  
B.S. in Industrial & Systems Engineering; Minor in Astrophysics

FRS **Federal Reserve Board of Governors**  
JOB HISTORY May 2020 - *Present*  
  
Financial Systems Analyst December 2021 - Present  
Division: IT: Monetary, Research, & Capital Reports  
Skills Developed: SQL, R, python, Tableau, ETL, version control (git), agile  
Projects Worked: Data Engineering, ETL, and analysis for bank regulation data (Y-14 Reports)  
Responsibilities: Write code to automate data collection and checks. Write code to conduct preliminary data analysis. Write code to communicate system status to end users.  
  
Senior Research Assistant May 2020 - December 2021  
Division: Research & Statistics: Current Macroeconomic Conditions  
Skills Developed: R, Shiny, ETL, linux, shell scripts, regex, version control (git), MATLAB, SQL,  $\LaTeX$ , research process  
Projects Worked: Macroeconomic now-casting models used in U.S. monetary policy  
Responsibilities: Re-factor code (R and MATLAB), write new code for models, write new code for plots and tables, clean data for research projects, improve data infrastructure, build and maintain documentation wiki, maintain gitlab repositories. State-space time series analysis and dynamic factor models  
Links to Work: [Predicting the Present](#) and [Covid Lockdown Severity Index](#)

PROGRAMMING **Advanced:** R (tidyverse, Shiny, custom packages), SQL, regex, git/github  
LANGUAGES **Proficient:**  $\LaTeX$ , Matlab, python, Tableau, Minitab, Stata, Adobe Creative Suite  
**Beginner:** SAS, C++, HTML/CSS, javascript

CERTIFICATIONS **Six Sigma** Green Belt, ASQ, Spring 2018  
**Tableau** Desktop Specialist, Tableau, Fall 2019. [Link](#).  
**Engineer-in-Training** Alabama FE, NCEES, Spring 2019  
**Master Tutor** CLRA, Spring 2018