Michael Boerman
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	in linkedin.com/in/michael-boerman

PORTFOLIO

▶ Explained by Michael YouTube channel
📈 Covid Lockdown Severity Index
💼 michaelboerman.com

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
JOB HISTORY

Federal Reserve Board of Governors
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
LANGUAGES

Advanced: R (tidyverse, Shiny, custom packages), SQL, regex, git/github

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