
CONTACT	 hireme@michaelboerman.com  linkedin.com/in/michael-boerman
PORTFOLIO	 Explained by Michael YouTube channel  Covid Lockdown Severity Index  michaelboerman.com
EDUCATION	<p>Harvard Extension School, Cambridge, MA, USA 2021 - present Graduate Certificate in Programming</p> <p>Georgia Tech, Atlanta, GA, USA 2019 - 2020 GPA: 4.0/4.0 M.S. in Economics, concentration in econometrics</p> <p>University of Alabama in Huntsville, Huntsville, AL, USA 2015 - 2019 GPA: 4.0/4.0 B.S. in Industrial & Systems Engineering; Minor in Astrophysics</p>
PROFESSIONAL JOB HISTORY	<p>Federal Reserve Board of Governors May 2020 - <i>Present</i></p> <div> <div>Division:</div> <div>Research & Statistics: Current Macroeconomic Conditions</div> </div> <div> <div>Job Title:</div> <div>Senior Research Analyst</div> </div> <div> <div>Skills Developed:</div> <div>R, Shiny, linux, shell scripts, regex, version control (git), MATLAB, SQL, \LaTeX, research process, agile</div> </div> <div> <div>Responsibilities:</div> <div>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. State-space time series analysis, dynamic factor models, and Bayesian VARs.</div> </div> <div> <div>Projects Worked:</div> <div>Macroeconomic now-casting models used in U.S. monetary policy</div> </div> <div> <div>Links to Work:</div> <div> Predicting the Present Covid Lockdown Severity Index </div> </div>
INTERNSHIP EXPERIENCE	NASA Space Launch System (systems engineering), Boeing 787 (supply chain management), General Electric (supplier quality engineering), Fulfyld (process improvement engineering).
PROGRAMMING LANGUAGES	<p>Advanced: R (tidyverse, Shiny, custom packages), SQL, regex, git/github, Powerpoint</p> <p>Proficient: \LaTeX, Matlab, python, Tableau, Minitab, Stata, Adobe Creative Suite</p> <p>Beginner: SAS, C++, HTML/CSS, javascript</p>
CERTIFICATIONS	<p>Six Sigma Green Belt, ASQ, Spring 2018</p> <p>Tableau Desktop Specialist, Tableau, Fall 2019. Link.</p> <p>Engineer-in-Training Alabama FE, NCEES, Spring 2019</p> <p>Master Tutor CLRA, Spring 2018</p>