





# MANUEL ALCALÁ KOVALSKI

## EDUCATION

- **B.A., Mathematical Economics (minor in Statistics)**  
University of Pennsylvania, Class of 2019  Philadelphia, PA
  - Relevant coursework: Probability, Mathematical Statistics, Stochastic Processes, Forecasting, and Computer Programming




## WORK EXPERIENCE

- Current | 2019
  - **Senior Research Assistant**  
The Brookings Institution  Washington, D.C.  
Hutchins Center on Fiscal & Monetary Policy
    - Authored the official [Brookings branded R visualization package](#)
    - Led data science trainings on [R package development](#), [data manipulation in R using the Tidyverse](#), and version control using Git and GitHub for 65+ staff across the entire organization
    - Developed an R Shiny app which scrapes over 18 economic research websites to centralize information on new working papers. This app is deployed weekly to sort and identify content for the Hutchins roundup blog since 2019.
    - Creates data visualizations used in blog posts, conferences, and internal reports to communicate insights from macroeconomic data in an accessible manner.
    - Produce and deliver parametrized reports to evaluate our GDP forecast during monthly Fiscal Impact Measure updates.
- 2018
  - **Summer Undergraduate Minority Research Scholar**  
Leonard Davis Institute  University of Pennsylvania
    - Independently analyzed data on 322,264 hospital admissions admissions using logistic regression in Stata
- 2018 | 2017
  - **Undergraduate Researcher**  
Health Management and Policy Department  University of Miami
    - Conducted data analysis on projects related to health services research using R, Stata, and Python

## PUBLICATIONS

- 2021
  - [The relationships between marijuana use and exercise among young and middle-aged adults](#)  
Preventive Medicine

## CONTACT

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 [github.com/malcalakovalski](https://github.com/malcalakovalski)  
 (954)-609-8919

## SOFTWARE

 [Package {ggbrookings}](#) -  
Author, maintainer.

## PROGRAMMING SKILLS

 R  
 tidyverse  
 Git  
 GitHub  
 Markdown  
 HTML  
 CSS

## LANGUAGES

English: Native  
Spanish: Native  
Portuguese: Proficient

2018



Self-reported Health Status Differs for Amazon's Mechanical Turk  
Respondents Compared With Nationally Representative Surveys  
Medical Care