Jack Mannion

Berkeley, California • (916) 995-1850 • jackmannion@berkeley.edu

EDUCATION

University of California, Berkeley **May 2023**

- Bachelor of Arts in Economics **GPA: 3.77**
- Minor in Data Science
- **Honors**: Dean's List Spring 2021, Dean's List Fall 2022, Dean's List Spring 2022
- **Coursework:** Econometrics, Financial Economics, Asset Pricing and Portfolio Choice, Macroeconomic Theory, Macroeconomic Policy, Microeconomic Theory, Economic History, Multivariable Calculus, Linear Algebra, Discrete Math, Computational Structures in Data Science, Techniques of Data Science
- **Junior Year Economics Research Paper:** "Macroeconomic Consequences of Fiscal Austerity: Evidence From the Alaska Permanent Fund"

EXPERIENCE

University of California, Berkeley **Berkeley, CA**

Undergraduate Student Researcher May 2022 - Present

- Researched with UC Berkeley economics professor Yuriy Gorodnichenko to uncover the effect of defense spending shocks and general demand shocks on socio-economic outcomes
- Created nine separate datasets covering over forty separate dependent variables from 2005 to 2016 at the CBSA-year level by aggregating city and county-level data (e.g. FBI crime data, IRS tax data, FEC political donations data, EPA pollution data)
- Ran over 200 instrumental-variable fixed-effects regression models using ivreghdfe in Stata and utilized esttab and Excel to create publication-style regression tables of the results
- Implemented the "China Shock" instrumental variable that uncovered how a city's exposure to changes in Chinese imports in five separate industries affected socio-economic outcomes
- Fact checked, proof-read, and edited five separate working papers to be sent for publication

University of California, Berkeley **Berkeley, CA**

Undergraduate Research Assistant September 2021 - May 2022

- Worked with two UC Berkeley Economics Ph.D. students to research the impact of forecast bias from large private banks and international institutions like the IMF on capital flows to developed and emerging markets
- Constructed a dataset from scratch of over two million observations from economic forecasts made by private forecasters from 2004-2017 using Python and Excel VBA
- Utilized STATA and Python (Pandas and Numpy) to further organize data in an easy-to-manipulate format, create visualizations of the data, and run a preliminary analysis of the data
- Presented the progress of the project at the end of each semester in a science-fair-style event with a group of approximately 30 undergraduate and graduate student peers

SKILLS

- **Computer Programming**: Stata (proficient), Python (proficient) including Pandas and Numpy, SQL (basic)
- **Languages**: English (native), Spanish (intermediate)