

# Jack Rosetti

Analyst at Insight Economics  
<http://github.com/jackrosetti>

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[jackrosetti@gmail.com](mailto:jackrosetti@gmail.com)  
<http://jackrosetti.github.io>

## Education

- **UC San Diego** La Jolla, CA  
*B.A. Cum Laude in Economics* 2020 - 2022
  - Highest Honors from Economics department
  - Strong emphasis on econometric methods and statistical software packages for data analysis
  - Honors Thesis: *Labor Market Conditions and Military Enlistment*

## Work In Progress

- *Labor Market Conditions and Military Enlistment*: This paper seeks to address the question of how local labor markets affect military enlistment across each state. Hitherto studies have focused on the relationship between national unemployment and military enlistment, disregarding geographical heterogeneity which may cause one part of the country to react stronger than others. This paper develops a novel identification strategy for measuring the effects of local labor markets on enlistment decisions. Using census data, we find that in general, on an individual level, Black Americans are much more likely to join the military than white Americans, and females are much less likely to join the military than males. Additionally, we find that Black Americans are not significantly more or less sensitive to labor market conditions, suggesting that a different mechanism explains their over-representation in the military.
- *Generational Military Persistence* (with Jiawei Yang): We use data from the American Community Survey (ACS) to measure how having exposure to a parent in the military affects a child's propensity to serve. We then examine the longer term developmental effects of service on their children compared to non-veterans.
- *Backwards Forecasting Criteria* (with Jiawei Yang): We develop a new backward information criterion using backcast techniques.

## Work Experience

- **Insight Economics** La Jolla, CA  
*Economic Analyst* July 2022 - current
  - Responsible for developing and explaining econometric models to clients quantifying lost profits, reasonable royalties, and unjust enrichment.
  - Draft and review reports detailing pre-case research, appropriate applications of case law, and explaining econometric analyses.
  - Conduct thorough reviews of large data sets using Excel and R to distill appropriate information for the case.
  - Perform pre-case research using third-party resources like Thomas Reuters and Cap-IQ.
- **UCSD Economics** La Jolla, CA  
*Econometrics Undergraduate Instructional Apprentice* January 2022 - June 2022

- Attended two lectures every week to create recitation notes.
- Led weekly review sessions covering problem sets.
- Held weekly office hours to help students prepare for exams and problem sets.

#### • **UCSD Economics**

La Jolla, CA

*Supplemental Instruction Leader*

*September 2021 - June 2022*

- Attended microeconomics classes every week to create course-specific lesson plans and study material to heighten students' mastery of the material.
- Responsible for leading instruction sessions with up to 70 students.
- Created and solved over 50 practice problems to reinforce class concepts, which helped increase student grades by 20 percent on average.

### Research Experience

#### • **UCSD Economics**

La Jolla, CA

*Research Assistant under Haitian Xie*

*Dec 2021 - March 2022*

- Helped prove a new way of designing fuzzy regression discontinuity models using a continuous treatment variable.
- Used Stata and R to compile and clean CPS data, and used ArcGIS for geospatial data.

#### • **Marist Bureau of Economic Research**

Poughkeepsie, NY

*Researcher Assistant for Dr. Christy Caridi*

*January 2020 - May 2020*

- Compiled New York state tax data from the IRS using Python and Excel to analyze, visualize, and rank inequality in the Hudson Valley economy.
- Wrote timely reports for business leaders and policy makers to address job migrations and income patterns.
- Responsible for managing two other research assistants.

### Teaching Experience

#### • **UC San Diego**

- Upper-division Econometrics (2022)
- Upper-division Microeconomics (2021, 2022)

### Computer Skills

- Stata, R, SQL, Python, Excel,  $\text{\LaTeX}$

### References

- Tom Vogl (tvogl@ucsd.edu)  
Associate Professor of Economics, Department of Economics, UC San Diego
- Gordon B. Dahl(gdahl@ucsd.edu)  
Professor of Economics, Department of Economics, UC San Diego
- Emanuel Vespa (evespa@ucsd.edu)  
Associate Professor of Economics, Department of Economics, UC San Diego