

Joshua Ritter

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Key points/skills

- Wrote an Economics senior thesis involving data analysis.
- Recent analytics project at <https://ritterj57.github.io/>.
- Excellent communication skills.
- Extensive experience with Stata, R and Python. Familiar with SQL. Advanced Excel skills.
- Statistical Analysis skills with time series models, and panel data models.
- Experience producing informational graphs and charts.

Education

GPA: 3.49/4.00

Michigan State University
ECONOMICS (B.S), MATHEMATICS (B.S.)
Honors College Graduate
Member of MSU Economic Association and the MSU Math Club

Sept 2009- May 2013

Experience

Mathematics Tutor

March 2014-present

- Taught students
- Maintained lines of communication between client analysts, implementation, management, advisors and programmers.

Worked extensively with proprietary software and Microsoft outlook.

Technical Services

Nov 2013 – March 2014

Epic

Verona, WI

- Worked with an implementation team to solve technical issues during an enterprise installation.
- Maintained lines of communication between client analysts, implementation, management, advisors and programmers.
- Worked extensively with proprietary software and Microsoft outlook.

Teaching Assistant

Sept 2010- August 2013

MSU Mathematics Department

East Lansing, MI

- Led two weekly recitations to answer student questions and prepare students for exams with my own notes.
- Kept track of the grades of 50-180 students per semester.
- Interacted with other TAs working for the same lecturer in person and over email to develop uniformity.
- Held flexible office hours for students to receive additional private help and clarify class policies.
- Worked in the Math Learning Center helping students that ranged in skill from remedial math to junior level classes.
- Advised newer TAs on how to approach problems and work with students.

Research Assistant

June 2010 – July 2010

MSU Lyman Briggs College

Funded by the NSA

East Lansing, MI

- Games on Graphs: Pursuit and Evasion
- Read papers and books on the games and graph theory.
- Presented findings in Pittsburg at MathFest.
- Met often with a professor to learn advanced material.