# 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 **Sept 2009- May 2013**

ECONOMICS (B.S), MATHEMATICS (B.S.)

Honors College Graduate

Member of MSU Economic Association and the MSU Math Club

# 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.