






Gabriel Mancino-Ball

Mathematics Graduate Student

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EDUCATION

Expected 2022	Ph.D. in Mathematics	Rensselaer Polytechnic Institute
Spring 2018	B.S. in Mathematics <ul style="list-style-type: none">• Minored in Statistics• Academic training included: Mathematical Statistics and Probability, Numerical Analysis, Topology, and Advanced Calculus	Winona State University

EXPERIENCE

Fall 2018	Graduate Teaching Assistant	Rensselaer Polytechnic Institute
2016–2018	Certified Peer Tutor <ul style="list-style-type: none">• Lead group and one-on-one supplemental instruction sessions on relevant mathematical and statistical subject content• Met high student demand for help with discrete mathematics, calculus sequence, and introductory statistics• Offered advice on study skills when applicable	Winona State University

TECHNICAL SKILLS

- **Statistical Analysis:** Using **R** to perform simulation studies and Bayesian computational techniques on data sets
- **Front-End Web Design:** Creating **CSS** and **HTML** files for my own website
- **Programming:** Knowledge of **Java** as an object oriented language
- **Mathematical Software:** Designing numerical algorithms in **Mathematica**
- **Communication:** Creating professional reports with **LaTeX**; giving **technical talks** at mathematical conferences

HONORS & AWARDS

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| • Graduated Summa Cum Laude | Spring 2018 |
| • Mu Sigma Rho Statistical Society Member | Inducted Spring 2018 |
| • Pi Mu Epsilon Mathematical Society Member | Inducted Spring 2017 |

REFERENCES

Dr. Lee Windsperger Winona State University Associate Professor lwindsperger@winona.edu	Dr. Eric Errthum Winona State University Professor eerrthum@winona.edu	Dr. Silas Bergen Winona State University Assistant Professor sbergen@winona.edu
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