

# JOSIAH RINGELBERG

Mathematician focused on developing reproducible analytical models using innovative data science tools. Interested in obtaining a data scientist position. Recently focused on incorporating automation, statistical rigor, and transparency to data analytics and corporate reporting. Check out my website to see a portion of my work! I am always eager to learn, and enjoy passing my knowledge on to others. Please do not hesitate to reach out!

## EDUCATION

2016  
|  
2014

M.S., Applied Economics (Finance Focus)

Purdue University

West Lafayette, IN

• Thesis: [Mergers and Acquisitions in Food and Agribusiness – Returns, Drivers, & Long Run Performance](#)

## SELECTED POSITIONS

2020  
|  
2017

Business Intelligence Analyst II

GreenStone Farm Credit Services

Lansing MI

• Implemented automation processes for multiple reporting needs. Resulting workflows have greatly reduced labor while increasing reproducibility.

• Worked with collaborating corporate partners to compose guidance on financial institution stress test documentation, model development, and model validation.

• Completed a thorough model validation of a credit scorecard. Organized datasets, documents, and supporting literature in a reproducible project that can be utilized as a template for similar validations.

• Managed multiple teams of graduate students through semester long analytics projects focused on customer segmentation analysis, probability of default rating, and text analysis.

• Acquired skills in R, Python and SQL coding. Produced processes and recommendations on their continued use in the analytics department.

• Built a predictive model to estimate collateral of a customer is able to pledge. This avoided the need of utilizing appraisers for small loans representing a minor risk to the overall Corporate portfolio.

• Produced periodic reports for executive and operational management.

2016  
|  
2014

Research Associate

Center for Food and Agricultural Business

West Lafayette, IN

• Conducted research on company growth strategies, dominant strategies in the agricultural producer industry, and the practices employed by firms to compensate their salesforce.

• Used OLS regressions and event study methodology to analyze public merger and acquisition transaction success according to population segments and deal attributes. Identified key drivers.

• Evaluated long run changes in operating performance of acquiring public North American firms.

• Lead the development of a case study on a new marketing strategy employed by BASF to establish itself in identified key customer segments. Aided in presentation of results at the Midwest Food and Agribusiness Executive Seminar.

2014

Merger and Acquisitions: Graduate Internship

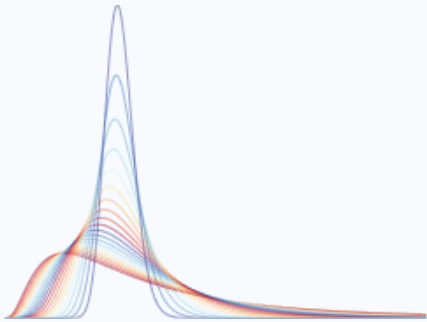
Wilbur-Ellis Agribusiness Company

Grand Rapids, MI

• Analyzed potential acquisitions, modeled projected growth, and estimated present value of companies using Excel spreadsheet forecasting.

• Developed postmortem acquisition reports and created future postmortem analysis procedures.

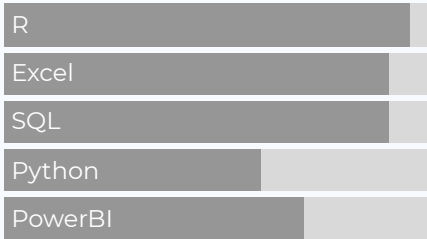
• Modeled and evaluated major aerial asset replacement schedules and identified cost efficient practices. Verified results with industry advisor and presented to upper management.



## CONTACT

[✉ Josiah.Ringelberg@gmail.com](mailto:Josiah.Ringelberg@gmail.com)  
[🌐 LinkedIn/JosiahRingelberg](https://www.linkedin.com/in/JosiahRingelberg)  
[🌐 https://jringelb.github.io/](https://jringelb.github.io/)  
[🌐 /github.com/Jringelb](https://github.com/Jringelb)  
[📞 \(989\) 429-7916](tel:(989)429-7916)

## SKILLS



## INTERESTS

*Data Analytics*  
*M&A Analysis*  
*Data visualization*  
*Report Automation*

## MORE INFO

Please do not hesitate to reach out to me with questions or collaborative opportunities!