

Tyler Mangin

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Accomplished PhD Economist with industry experience in big data analytics, forecasting, and econometrics. Demonstrated ability to apply cutting edge methods and techniques as well as communicate complex ideas to provide insight and context.

Work Experience

Economist Comlinkdata
July 2017 to Present

- Developed new revenue from digital audience engagement forecasting and estimation product
- Improved and extended market forecasting for financial services clients

Senior Analyst Comlinkdata
July 2016 to July 2017

- Created and productized individual-level model of consumer demand
- Utilized and developed big data architecture for forecasting and estimation tasks utilizing R, Hive, Spark, and AWS ecosystem

Instructor University of Colorado
August 2014 to May 2016

- Taught four semester-length introductory lecture sections of between 150-250 students each
- Above average scores on student Faculty Course Questionnaires

Accounting Intern Whole Foods
February 2012 to July 2013

- Created ARMIA sales forecasting models for regional store and department level weekly sales
- Organized and streamlined process of cost-discrepancy resolution

Produce Buyer Whole Foods
March 2009 to February 2012

- Purchased \$1 million of produce each month
- Created automated ordering system with underlying sales modeling and forecasting, leading to a 10% reduction in spoilage and waste

Education

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| May 2019 | PhD Economics The University of Colorado |
| May 2014 | Master of Arts Economics The University of Colorado |
| May 2008 | Bachelor of Arts History The University of Colorado |

Computer Skills

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| Basic | AWS (EC2, EMR, S3, Athena) Hive/HQL Bash Spark (scala, sparkR) git Python |
| Advanced | Stan STATA SQL (Microsoft, PostgreSQL) R (data.table, markdown) |

Research

Graduate Award for Public Policy Research
The University of Colorado Economics (2016)

“USDA Organic Labels and Nutritional Quality”

- Presented at 2016 Summer Conference of the Association of Environmental and Resource Economists

“Salience of Promotional Prices with In-Store Advertising”

“Learning Costs and Peer Effects in Mobile Phone Service Provision”