

# Tyler Mangin

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## WORK EXPERIENCE

**Economist** Comlinkdata  
July 2016 to Present

- Developed new revenue from marketing and audience engagement estimation and forecasting product
- Created individual-level model of consumer demand and applied predictions to millions of consumer
- Improved and extended forecasting for financial services clients
- Utilized and developed big data architecture for forecasting and estimation tasks utilizing R, Hive, and Spark, in the 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
- Four semesters of Teaching Assistantships for Economics and Statistics Courses

**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 a partially automated statistical-based ordering system with underlying sales modeling, leading to a 10% reduction in spoilage and waste

**Researcher** PsiPhen Laboratories  
February 2006 to July 2006

- Designed, organized and executed an experimental protocol and statistical analysis on 100 subjects
- Presented study to the Annual Conference of the Society for Scientific Investigation (SSE), the publishing body for the Journal of Scientific Exploration

## EDUCATION

Current	<b>PhD Candidate (ABD)</b> ECONOMICS <i>The University of Colorado</i>
May 2014	<b>Master of Arts</b> ECONOMICS <i>The University of Colorado</i>
May 2008	<b>Bachelor of Arts</b> HISTORY <i>The University of Colorado</i>

## RESEARCH

"The USDA Organic Label and Nutritional Quality"  
WORKING PAPER

## COMPUTER SKILLS

Basic	Amazon Web Services (S3, EC2, EMR, Athena) Hive Bash Spark (SparkR) ArcGIS Git Python
Advanced	Excel (VBA) STATA SQL R (RMarkdown, Shiny)