Tyler Mangin

⌂ | 1724 W 34th Ave. Denver, CO 80211
☎ | (303) 884 5006
✉ | tyler.mangin@gmail.com
⌨ | tylermangin.com

Economist with years of academic and private sector experience looking for challenging problems that require integrating diverse and cutting edge insights to deliver actionable business decisions under uncertainty.

WORK EXPERIENCE

Director of Research
Comlinkdata - Boston, MA
July 2021 to Present

- Developed modeling and oversaw implementation for a full upgrade of Comlinkdata's flagship data product, ensuring key contract extensions and upselling for largest clients

Economist
Comlinkdata - Boston, MA
July 2017 to July 2021

- Developed and deployed a full-industry-view model for Wireless and Device markets, integrating multiple points of internal and external information within a framework of constantly-updating Bayesian inference
- Expanded forecasting offerings and improved data and modelling quality, driving growth in a underdeveloped industry vertical

Senior Analyst
Comlinkdata - Boston, MA
July 2016 to July 2017

- Developed and drove revenue growth from a novel digital audiences product based on 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 lecture sections of between 150-250 students each
- Among top 25% of department instructors in student surveys

Accounting Intern
Whole Foods - Boulder, CO
February 2012 to July 2013

- Created ARMIA sales forecasting models for regional store and department level weekly sales

Produce Buyer
Whole Foods - Boulder, CO
March 2009 to February 2012

- Purchased and maintained inventory for roughly $10 million per year of fresh produce
- Created novel sales-modeling and automated inventory tracking, leading to a 10% reduction in spoilage and waste

EDUCATION

May 2019

PhD
ECONOMICS
University of Colorado

Thesis Chapters:

- *Demand for USDA Organic Labeled Junk Food*
- *The Salience of Promotional Prices with In-Store Advertising*
- *Learning Costs and Peer Effects in Mobile Phone Service Provision*

May 2014

Master of Arts
ECONOMICS
University of Colorado

May 2008

Bachelor of Arts
HISTORY
University of Colorado

COMPUTER SKILLS

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

AWARDS

Graduate Award for Public Policy Research
UNIVERSITY OF COLORADO ECONOMICS, 2016

PROFESSIONAL ASSOCIATIONS

- AMERICAN ECONOMICS ASSOCIATION
- NATIONAL ASSOCIATION OF BUSINESS ECONOMISTS