

# Clark Pixton

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## Education

### Massachusetts Institute of Technology

Operations Research Center

PhD, 2013-present

*Thesis Advisor:* David Simchi-Levi

### Brigham Young University

BS, Mathematics, 2007-2008, 2011-2013

## Publications

### Submitted

Pixton, C. and D. Simchi-Levi. Branch-and-Bound Algorithms for Assortment Optimization under Weakly Rational Choice, submitted to *Operations Research*.

Chen, X., Z. Owen, C. Pixton, and D. Simchi-Levi. A Statistical Learning Approach to Personalization in Revenue Management, submitted to *Operations Research*.

Pixton, C. and R. Roundy. Stochastic Job Scheduling: Minimizing Weighted Tardiness with Proportional Weights, submitted to *Naval Research Logistics*.

## Invited Talks

*Flexible Approaches to Optimizing Product Assortments.*

-Marketing and Global Supply Chain group, Marriott School of Management, Brigham Young University. April 2017.

*A Statistical Learning Approach to Personalization in Revenue Management.*

-Department of Mathematics, Brigham Young University. March 2016.

-INFORMS Revenue Management and Pricing Conference. Columbia University. June 2015.

*Price Differentiation: A Machine Learning Approach.*

-INFORMS MSOM Conference. University of Washington. June 2014.

## Teaching Experience

Instructor, 15.S60: Computing in Optimization and Statistics. Gave a lecture on machine learning in R ([Course Website](#)). January 2017.

Teaching Assistant, 15.762: Supply Chain Planning. With Professors David Simchi-Levi and Sean Willems. Spring 2016.

Instructor and Course Development, Online Math Review Course for MBAs. Summer 2015.

Instructor, 15.S60: Software Tools for Operations Research. Lecture on data wrangling in R. January 2015.

Teaching Assistant, 15.060: Data, Models, and Decisions (Core MBA Course). With Professor Rob Freund. Fall 2014.

Instructor, Haitian Creole language and teacher development, Missionary Training Center, Brigham Young University. January 2011-August 2013.

## Professional and Other Experience

Engineering Intern, PillPack, Inc. October 2015-present.

Missionary, Church of Jesus Christ of Latter-day Saints, December 2008-December 2010. Boston, Massachusetts.