Samuel Levy

Tepper School of Business
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Research Interest

Marketing Analytics, Retail Analytics, Pricing, Choice Modeling, Bayesian Statistics and Econometrics, Probabilistic Machine Learning, Bayesian Nonparametrics.

Education

08/2018 –
05/2023
(expected)
Carnegie Mellon University
Ph.D. in Marketing - Minor in Statistics and Machine Learning
Tepper School of Business
Advisor: Alan Montgomery

08/2018 –
05/2020
Carnegie Mellon University
M.S. in Marketing
Tepper School of Business

08/2016 –
06/2018
Tilburg University
M.S. in Marketing (Research Track) - *Cum Laude*
Tilburg School of Economics and Management

08/2010 –
06/2014
Ecole Normale Superieure Paris-Saclay, Université Paris 1 Panthéon-Sorbonne
B.S. in Economics - *Cum Laude*

Research

Work in Progress

Samuel Levy, Dokyun Lee, Daniel McCarthy, Alan Montgomery. Will They Come Again? and Why: A Bayesian Purchase Forecasting Model.

Samuel Levy, Richard Mirman, Alan Montgomery. Relaxing Functional Form in Choice Models through Gaussian Processes

Awards and Honors

2020 **Dean's Research Fund, Tepper School of Business, ($ 2,000)**

2019 **Wharton Customer Analytics Initiative, Collaborative Data Grant (Unique Team Selected)**

2019 **William Larimer Mellon Ph.D. Fellowship, Carnegie Mellon University**

2017 **Koopmans Scholarship (Dean's scholarship, € 12,000)**

2016 **French agregation in Economics and Business Administration (Top 1% Nationwide)**

2011 **Full Scholarship - Ecole Normale Superieure Paris Saclay (€ 63,000)**

Conferences and Invited Talks

2021, 2020 **Joint Statistical Meetings - Marketing Section**

2021, 2020 **INFORMS Marketing Science Conference**

Teaching

Teaching Assistant

Fall 2020	**70381: Marketing I** Tepper School of Business, Carnegie Mellon University Level: Undergraduate Instructor: Hui Li
Summer 2020 – *Fall 2020*	**70467: Machine Learning for Business Analytics** Tepper School of Business, Carnegie Mellon University Level: Undergraduate Instructors: Benjamin Moseley, Andrew Li
Fall 2020	**47747: Bayesian Statistics** Tepper School of Business, Carnegie Mellon University Level: PhD Instructors: Alan Montgomery
Summer 2019, *Summer 2020*	**Math Skills Workshop** Tepper School of Business, Carnegie Mellon University Level: MBA

Selected Ph.D. Coursework

2019 – present	**Marketing** Structural Modeling and Quantitative Methods (with Hui Li) Analytical Modeling (with Kannan Srinivasan) Bayesian Statistics in Marketing (with Alan Montgomery) Multivariate Data Analysis (with Alan Montgomery) Consumer Behavior (with Jeff Galak)
2019 – present	**Machine Learning and Statistics** Introduction to Machine Learning (with Ziv Bar-Joseph and Pradeep Ravikumar) Probabilistic Graphical Models (with Eric Xing) Convex Optimization (with Ryan Tibshirani) Probability and Statistics (with Jing Lei) Advanced Probability Overview (with Alessandro Rinaldo) Topics in Deep Learning (audit) (with Ruslan Salakhutdinov) Econmining (with Dokyun Lee and Zachary Lipton)
2019 – present	**Economics** Microeconomics (with Bertan Turhan) Econometrics I (with David Childers) Econometrics II (with Robert Miller) Game Theory (with Onur Kesten)

Service

2020 – present	**Conference Reviewer** International Conference on Information Systems

Languages

English (fluent), French (native), Turkish (intermediate).

Computing

R, Julia, Python, Stan, Matlab, SQL.

Last updated: September 23, 2021