

# Apostolos Filippas

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## Employment

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Assistant Professor · Stevens Institute of Technology, School of Business, 2018 - Present

## Education

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PhD in Information Systems · New York University, Stern School of Business, 2018

Diploma in Computer Science (summa cum laude) · University of Patras, 2012

## Fields of research interest

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Economics of technology, online marketplaces.

## Awards & Honors

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Best Paper Award · ICIS 2016

*Best paper in the Crowdsourcing, Crowdfunding, Blockchain, and the Sharing Economy track*

Ph.D. Student Research Grant · 2016

*Awarded by the Center for Global Economy and Business, NYU Stern School of Business*

Commendation for Teaching Excellence · 2016

*Awarded by the Vice Dean for doctoral education, NYU Stern School of Business*

Onassis Scholarship for Hellenes · 2016-2018

*Fellowship awarded by the Alexander S. Onassis Public benefit Foundation*

Ph.D Alumni Fellowship · 2017

*Fellowship awarded by the NYU Stern school of Business*

Doctoral Fellowship · 2012-2016

*Fellowship awarded by the NYU Stern School of Business*

Gerondelis Doctoral Scholarship · 2013

*Doctoral scholarship awarded by the Gerondelis foundation*

Scholarships for excellent academic performance · 2009-2011

*Three scholarships awarded by the Greek State Scholarships Foundation*

Awards for distinction in national mathematics competitions · 2001-2006

*Six awards by the Hellenic Mathematical Society*

## Research

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STRENGTH IN NUMBERS: USING BIG DATA TO SIMPLIFY SENTIMENT CLASSIFICATION  
(with Theodoros Lappas)  
Big Data, 2017

THE TRAGEDY OF YOUR UPSTAIRS NEIGHBORS: WHEN IS THE HOME-SHARING EXTERNALITY  
INTERNALIZED?  
(with John Horton)  
Management Science, under review, 2nd round

OWNING, USING AND RENTING: SOME SIMPLE ECONOMICS OF THE “SHARING ECONOMY”  
(with John Horton, and Richard Zeckhauser)  
Management Science, under review, 2nd round

REPUTATION INFLATION  
(with John Horton, and Joseph Golden)  
Journal of Political Economy, under review, 1st round

VOICE, EXIT, AND AVAILABILITY: MANAGING CHANGE IN THE SHARING ECONOMY  
(with Arun Sundararajan and Srikanth Jagabathula)  
In preparation for submission

EXAMINING THE RELATIONSHIP OF AWARENESS AND SELLER PRICING IN ONLINE MARKETS  
(with Arne Rogde Gramstad)  
In preparation for submission

## Work-in-progress

*Peer Management in the Sharing Economy: The Mediating Role of the Platform*  
(with Arun Sundararajan and Srikanth Jagabathula)

*The Microstructure of Sharing Economy Marketplaces*  
(with Arun Sundararajan and Srikanth Jagabathula)

*Your Network Matters: Nonlinear Pricing with Local Network Effects*  
(with Arne Rogde Gramstad)

## In proceedings

*Pricing in the Sharing Economy: Pricing Dynamics with Awareness-Generating Adoptions*  
(with Arne Rogde Gramstad)  
International Conference of Information Systems (ICIS), 2016

★ *Best paper award in the Crowdsourcing, Crowdfunding, Blockchain, and Sharing Economy track*  
★ *Nominated for the ICIS best conference paper award*

*The Tragedy of your Upstairs Neighbors: Is the Negative Externality of Airbnb Internalized?*  
(with John Horton)

ACM Transactions on Economics and Computation (EC), 2017

*Reputation Inflation*

(with John Horton, and Joseph Golden)

ACM Transactions on Economics and Computation (EC), 2018

## Talks and Presentations

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### Upcoming

Association for Public Policy Analysis & Management Fall Research Conference (*conference presentation*), 13th Meeting of the Urban Economics Association (*conference presentation*), Fordham University (*invited seminar*), Conference on Information Systems and Technology (*conference presentation*).

### 2018

Stanford Institute for Economic Policy Research (*invited seminar*), ACM Conference on Economics and Computation (*conference presentation*), SF Federal Reserve Bank (*invited presentation*), Microsoft Research NY (*invited seminar*), McGill University (*invited seminar*), University of Washington (*invited seminar*), National University of Singapore (*invited seminar*).

### 2017

Carnegie Mellon University (*invited seminar*), University of Texas Dallas (*invited seminar*), University of Georgia (*invited seminar*), University of Miami (*invited seminar*), ACM Conference on Economics and Computation (*conference presentation*), Stevens Institute of Technology (*invited seminar*), Fordham University (*invited seminar*), Hong Kong University of Science and Technology (*invited seminar*), Workshop on Information Systems Economics (*conference presentation*), INFORMS (*conference presentation*), Platform Strategy Research Symposium (*conference presentation*), 15th ZEW Conference on Economics of Information & Communications Technology (*conference presentation*).

### 2010 - 2016

International Conference on Information Systems (*conference presentation*), INFORMS (*conference presentation*), Statistical Challenges in eCommerce Research (*conference presentation*).

## ACADEMIC ACTIVITIES & SERVICE

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### Program Committee

2018 Conference on Information Systems and technology

### Ad-hoc reviewer

Management Science, Big Data, International Conference on Information Systems, Conference on Information Systems and technology.

## TEACHING EXPERIENCE

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**Information Technology in Business and Society**, (Summer 2016, Undergraduate)

Instructor (Overall evaluation: 6.9/7—Department average: 5.3/7)

*★ Commendation for teaching excellence awarded by the NYU Vice Dean for doctoral education*

**Technical Data Mining for Business Analytics**, (Spring 2018, MS in Business Analytics)

Teaching Fellow for Prof. Foster Provost

**Network Analytics**, (Fall 2017, MS in Business Analytics)

Teaching Fellow for Prof. Arun Sundararajan

**Decision Models**, (Spring 2017, MBA)

Teaching Fellow for Prof. Ilan Lobel

**Decision Models**, (Spring 2017, Undergraduate)

Teaching Fellow for Prof. Ilan Lobel

**Decision Models**, (Spring 2017, MS in Business Analytics)

Teaching Fellow for Prof. Ilan Lobel

**Network Analytics**, (Summer 2016, MS in Business Analytics)

Teaching Fellow for Prof. Arun Sundararajan

**Data Mining for Business Analytics**, (Spring 2016, MBA)

Teaching Fellow for Prof. Foster Provost

**Operations Management**, (Winter 2016, MBA)

Teaching Fellow for Prof. Srikanth Jagabathula

**Decision Models**, (Spring 2015, MBA)

Teaching Fellow for Prof. Ilan Lobel

**Decision Models**, (Spring 2015, MS in Business Analytics)

Teaching Fellow for Prof. Ilan Lobel