

## Shengli Hu

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### CONTACT INFORMATION

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### SELECTED PUBLICATIONS AND CONFERENCES

Mahdi Abavisani, Liwei Wu, **Shengli Hu**, Joel Tetreault, Alex Jaimes. “Multimodal Detection of Crisis Events in Social Media.” 2020. In Proceedings of *Computer Vision and Pattern Recognition (CVPR 2020)*

**Shengli Hu**. “Detecting Concealed Information in Text and Speech”. 2019. In Proceedings of *Association of Computational Linguistics (ACL 2019)* [Best Paper Award Nominee]

**Shengli Hu**. “Somm, Into the Model”. 2018. In Proceedings of *Empirical Methods in Natural Language Processing (EMNLP 2018)*. [Question Answering, Siamese Neural Networks]

**Shengli Hu**, and Ali Borji. “Understanding Perceptual and Conceptual Fluency at a Large Scale”. 2018. In Proceedings of *European Conference on Computer Vision (ECCV 2018)*. [Image Processing, Convolutional Neural Networks, Cognition & Perception, Information Theory]

Shawn Mankad, **Shengli Hu**, and Anandasivam Gopal. “Single Stage Prediction with Embedded Topic Modeling of Online Reviews for Mobile App Management”. 2017. *Annals of Applied Statistics*. [Non-negative Matrix Factorization, Optimization]

**Shengli Hu**. “Understanding Visual and Conceptual Fluency at a Large Scale”. 2017. *International Conference of Computer Vision (ICCV 2017)*, *Mutual Benefits of Cognitive and Computer Vision (MBC) Workshop*. [Convolutional Neural Networks, Visualization]

**Shengli Hu**. “Never Tell Me the Odds: How Belief Dynamics Shape Audience Experience in Sports”. *Spotlight talk at the Association for Computational Linguistics (ACL 2017) Workshop on Natural Language Processing and Computational Social Science (NLP+CSS)*. [Functional Data Analysis, Behavioral Economics, Vector Autoregression]

**Shengli Hu**. “Information Design and Audience Experience”. 2017. *Marketing Science Conference*. [Word Embeddings, Support Vector Machines, Bayesian Updating, Behavioral Economics]

**Shengli Hu**. “Dynamics of Ideation in Crowdsourcing Platforms”. 2013. *The Institute for Operations Research and the Management Sciences (INFORMS) Annual Conference*. [Game/Contract Theory, Signaling]

**Shengli Hu**, and Weixin Shang. 2012. “Managing Green Supply: Carbon Labeling Implications in Supply Chains”. *INFORMS International Conference*. [Game/Contract Theory, Signaling]

### SELECTED WORK IN PROGRESS AND UNDER SUBMISSION

**Shengli Hu**. Detecting Domain-Specific Credibility and Expertise in Text and Speech (In submission: *InterSpeech 2020*)

**Shengli Hu**. A Trip Down Memory Lane: Identifying and 3D Reconstructing Memorable Experiences in the Wild [3D Reconstruction, Image Similarity, Parallel Search]

[Book] Somm: Into the Model — When Sommelier Meets Data Science

### EDUCATION

**Cornell University**, Ithaca, New York

Ph.D., Information Management, Johnson School of Management, 2019

**University of Southern California**, Los Angeles, California

Coursework in Economics and Operations, Dept of Economics, 2014

**Fudan University**, Shanghai, China

B.S., Management Science, School of Management<sup>1</sup>, 2012

WORK  
EXPERIENCE

**Dataminr**, New York City, New York

Research Scientist, 2019 -

SOFTWARES,  
LANGUAGES AND  
PLATFORMS  
INTERNSHIP  
EXPERIENCE

**Fluent: Python & R**, bash, L<sup>A</sup>T<sub>E</sub>X, AWS EC2, SQL, English, Mandarin

Citibank (Operations), HSBC (New Product Development), GE Capital (Marketing)

TEACHING  
EXPERIENCE

Introduction to Programming in R and SQL (TA; Spring 2016, 2017); Advanced Data Analytics Applications and Methods (TA; Spring 2016, 2017); International Marketing (TA; Spring 2016)

SCHOLARSHIPS

Renmin Scholarship, 2009-2012; Honor Thesis, Fudan University, 2012

Sage Fellowship, Cornell University, 2014-2018

Conference Grants, Graduate School, 2015-2018; Travel Award, EMNLP(2018), ACL(2019)

ACADEMIC  
EXPERIENCE AND  
SERVICE

Researcher at the Lab for Experimental Economics & Decision Research (LEEDR), 2015 Research Assistant at the Los Angeles Behavioral Economics Laboratory (LABEL), 2014

Ad hoc reviewer for *ECCV 2018*, *Management Science*, *International Conference on Information Systems 2017*. Student member of *INFORMS*, *AEA*, *ACL*, *ASA*, *APA*, *AEA*, *IEEE*, *ACM*, *AMA*

PHD COURSEWORK

Advanced Artificial Intelligence  
Networks, Crowds and Markets (Audit)  
Advanced Topics in Econometrics II  
NLP and Social Interaction  
Economics and Politics  
Dynamic Optimization  
Seminar in Cognitive Science  
Seminar in Artificial Intelligence  
Empirical Industrial Organization (Audit)  
Theory of Linear Models  
Optimization Over Time  
Experimental Economics  
Econometric Methods  
Microeconomic Theory I: Consumer Theory  
Practice of Econometrics  
Current Research in OM II: Revenue Management  
Inventory and Supply Chain Theory

Advanced Computer Vision  
Advanced Machine Learning  
Empirical Strategies for Policy Analysis II  
Functional Data Analysis  
Econometrics for Network Analysis  
Bayesian Statistics in Marketing  
Seminar in Computer Graphics  
Quant Marketing Seminar  
Computationally Intensive Methods  
Text Mining History and Literature (Audit)  
Semi/Non-parametric Econometrics (Audit)  
Marketing Strategy and Mix Models  
Probability and Statistics for Economists  
Microeconomic Theory II: Contract Theory  
Current Research in OM I: Stochastic Models  
Elements of Stochastic Processes  
Cognition and Learning (Audit)

MISC

Certified Sommelier by The Court of Master Sommelier, Diploma in Wine with Merit by Wine and Spirits Education Trust, Certified Specialist of Wine by Society of Wine Educators (SWE), Certified Specialist of Spirits by SWE

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<sup>1</sup>The highest ranked business school in mainland China based on research as of 2018