Shengli Hu

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[1], 2012

WORK EXPERIENCE	**Dataminr**, New York City, New York Research Scientist, 2019 -
SOFTWARES, LANGUAGES AND PLATFORMS	**Fluent**: **Python (Tensorflow, keras, nltk, opencv, etc.) & R,** bash, LaTeX, AWS EC2, SQL, English, Mandarin; Classroom Study: Julia, C/C++, Octave, Stata, Italian, German, Spanish, French, High Valyrian.
PROFESSIONAL EXPERIENCE	Citibank (Operations Intern) HSBC (New Product Development Intern) GE Capital (Marketing Intern)
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

PHD COURSEWORK

Advanced Artificial Intelligence	Advanced Computer Vision
Networks, Crowds and Markets (Audit)	Advanced Machine Learning
Advanced Topics in Econometrics II	Empirical Strategies for Policy Analysis II
NLP and Social Interaction	Functional Data Analysis
Economics and Politics	Econometrics for Network Analysis
Dynamic Optimization	Bayesian Statistics in Marketing
Seminar in Cognitive Science	Seminar in Computer Graphics
Seminar in Artificial Intelligence	Quant Marketing Seminar
Empirical Industrial Organization (Audit)	Computationally Intensive Methods
Theory of Linear Models	Text Mining History and Literature (Audit)
Optimization Over Time	Semi/Non-parametric Econometrics (Audit)
Experimental Economics	Marketing Strategy and Mix Models
Econometric Methods	Probability and Statistics for Economists
Microeconomic Theory I: Consumer Theory	Microeconomic Theory II: Contract Theory
Practice of Econometrics	Current Research in OM I: Stochastic Models
Current Research in OM II: Revenue Management	Elements of Stochastic Processes
Inventory and Supply Chain Theory	Cognition and Learning (Audit)

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[1]The highest ranked business school in mainland China based on research as of 2018