

Shengli Hu

CONTACT INFORMATION

250 West 50th Street, 2H
New York, NY 10019
She/Her/Hers

Phone: (213) 271-5530
E-mail: sh2264@cornell.edu
Website: shenglihu.com

SELECTED PUBLICATIONS AND CONFERENCES

Shengli Hu. 2021. [Book] “Neural Networks and Nebbiolo: Artificial Intelligence for Wine.” [Forthcoming] [Preprint Content]

Shengli Hu. 2020. “Detecting Domain-Specific Credibility and Expertise in Text and Speech.” In Proceedings of *InterSpeech 2020*. [Multimodal Learning, Multi-task Learning, SpeechBert]

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)*. [Cross Attention, AI for Social Goods, Language and Vision, Multimodal Learning]

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

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)*. [Cognition & Perception, Information Theory, Convolutional Neural Networks]

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*. [Information Theory, 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]

EDUCATION

Cornell University, Ithaca, New York

Ph.D., Information Management, Johnson School of Management, 2019
Concentrations: Quantitative Marketing, Computer Science, Information Management

University of Southern California, Los Angeles, California
PhD-level Coursework in Economics, Dept of Economics, 2014

Fudan University, Shanghai, China
B.S., Management Science, School of Management, 2012

WORK
EXPERIENCE

Dataminr, New York City, New York

Research Scientist, 2019 -

- Built and deployed large-scale logo detection and text recognition/OCR models;
- Deployed models and results account for over 95% of monthly highlights of CV wins;
- Developed an internal active learning pipeline for model deployment;
- Supported time series analyses of flight trajectories, information extraction of events, etc.

SOFTWARES AND
LANGUAGES

Python, R, bash, L^AT_EX, Pytorch, Keras, AWS EC2, D3, JavaScript, Mapbox, SQL
English, Mandarin

INTERNSHIP
EXPERIENCE

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

TEACHING
EXPERIENCE

Introduction to Programming in R & SQL; Advanced Data Analytics; International Marketing

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*

MISC

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