

Shengli Hu

CONTACT INFORMATION

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SELECTED PUBLICATIONS AND CONFERENCES

Shengli Hu. 2021. “uCAST: Unsupervised CARTographic Style Transfer.” Submitted to *International Conference on Computer Vision (ICCV 2021)*. [Semantic Style Transfer, Text Style Transfer, Constrastive Learning]

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] [Blind Tasting, 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	<p>Cornell University, Ithaca, New York</p> <p>Ph.D., Information Management, Johnson School of Management, 2019 Concentrations: Quantitative Marketing, Computer Science, Information Management</p> <p>University of Southern California, Los Angeles, California</p> <p>PhD-level Coursework in Economics, Dept of Economics, 2014</p> <p>Fudan University, Shanghai, China</p> <p>B.S., Management Science, School of Management, 2012</p>
WORK EXPERIENCE	<p>Dataminr, New York City, New York</p> <p>Research Scientist, 2019 -</p> <ul style="list-style-type: none"> • Built and deployed large-scale logo detection and text recognition/OCR models; • Developed an internal active learning pipeline for model deployment; • Facilitated time series analyses of flight trajectories, and information extraction of events.
SOFTWARES AND LANGUAGES	Python, R, bash, L ^A T _E X, Pytorch, Keras, AWS EC2, D3, JavaScript, 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	<p>Renmin Scholarship, 2009-2012; Honor Thesis, Fudan University, 2012</p> <p>Sage Fellowship, Cornell University, 2014-2018; Conference Grants, Graduate School, 2015-2018;</p> <p>Travel Award, EMNLP(2018), ACL(2019)</p>
ACADEMIC EXPERIENCE AND SERVICE	<p>Researcher at the Lab for Experimental Economics & Decision Research (LEEDR), 2015</p> <p>Research Assistant at the Los Angeles Behavioral Economics Laboratory (LABEL), 2014</p> <p>Ad hoc reviewer for <i>ECCV 2018</i>, <i>Management Science</i>, <i>International Conference on Information Systems 2017</i>. Student member of <i>INFORMS</i>, <i>AEA</i>, <i>ACL</i>, <i>ASA</i>, <i>APA</i>, <i>AEA</i>, <i>IEEE</i>, <i>ACM</i>, <i>AMA</i></p>
MISC	<p>Diploma in Wine with Merit by Wine and Spirits Education Trust (WSET)</p> <p>Certified Sommelier by The Court of Master Sommelier (CMS)</p> <p>Certified Specialist of Wine by Society of Wine Educators (SWE)</p> <p>Certified Specialist of Spirits by Society of Wine Educators (SWE)</p> <p>Actively working towards Master of Wine</p>