

Education

- **Stony Brook University (SBU)** U.S.
PhD in Computer Science Aug. 2014 – May. 2019 (expected)
 - Research Topic: Data Mining, Machine Learning, News and Social Media Analysis
 - Advisor: Prof. Steven Skiena
- **Xi'an Jiaotong University (XJTU)** China
M.S. in Computer Science Sep. 2011 – Jul. 2014
 - Thesis Topic: *Event Detection from Large-scale Short Text Streams*
 - Adviser: Prof. Qinghua Zheng
B.S. in Computer Science Sep. 2007 – Jul. 2011
 - Thesis Title: *Relation Extraction of Knowledge Units Using Markov Logic Network*
 - CGPA: 88/100; Ranking: 4th/165

Publications

- V. Kulkarni, **J. Ye**, S. Skiena, W. Yang Wang, *Multi-view Models for Political Ideology Detection of News Articles*, in Proceedings of Conference on Empirical Methods in Natural Language Processing (EMNLP), Brussels, Belgium, Nov. 2018.
- **J. Ye**, L. Akoglu, *Robust Semi-Supervised Learning on Multiple Networks with Noise*, in Proceedings of the 22nd Pacific-Asia Conference on Knowledge Discovery and Data Mining (PAKDD), Melbourne, Australia, Jun. 2018.
- **J. Ye**, S. Han, Y. Hu, B. Coskun, M. Liu, H. Qin, S. Skiena, *Nationality Classification using Name Embeddings*, in Proceedings of the 26th ACM International Conference on Information and Knowledge Management (CIKM), Singapore, Nov. 2017, pages 1897-1906.
- **J. Ye**, S. Kumar, L. Akoglu, *Temporal Opinion Spam Detection by Multivariate Indicative Signals*, the 10th International AAAI Conference on Web and Social Media (ICWSM), Cologne, Germany, May 2016, pages 743-746.
- **J. Ye**, L. Akoglu, *Discovering opinion spammer groups by network footprints*, in Proceedings of the 14th European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases (ECML/PKDD), Porto, Portugal, Sep. 2015, pages 267-282.
- Y. Qian, Q. Zheng, T. Sakai, **J. Ye** and J. Liu, *Dynamic Author Name Disambiguation for Growing Digital Libraries*, Information Retrieval Journal 18, no. 5 (2015): 379-412.
- Y. Qian, T. Sakai, **J. Ye**, Q. Zheng and C. Li, *Dynamic Query Intent Mining from a Search Log Stream*, the 22th ACM International Conference on Information and Knowledge Management (CIKM), San Francisco, Oct. 2013, pages 1205-1208.
- **J. Ye**, Y. Qian, and Q. Zheng, *PLIDMiner: A Quality based Approach for Researchers' Homepage Discovery*, in Proceedings of the 8th Asia Information Retrieval Societies Conference, 2012, pages 199-210.

Working Papers

- **J. Ye**, S. Skiena, *The Secret Lives of Names? Public Name Embeddings and Lifespan Modeling*, Working paper.
- H. Chen, X. Sun, **J. Ye**, S. Skiena, *Dynamics of Restaurant Reviews: Sites, Ratings, and Topics*, Under review.

Academic Experience

- **Research Assistant @ Data Science Lab, SBU** Aug. 2016 – present
 - Working on large-scale online news and social media analysis, with emphasis on quality assessment of news sources and fake news detection.
 - Working on learning name embeddings from email and social media data, with applications on gender/ethnicity/nationality classifications, lifespan modeling, etc. Open API (*NamePrism*): www.name-prism.com.
- **Research Asistant @ DATA Lab, SBU** Aug. 2014 – May 2016
 - Detecting fraud opinions/reviews on Web under Prof. Leman Akoglu’s advice, and collaborating with Prof. Christos Faloutsos (CMU) and Prof. Bing Liu (UIC).
- **Teaching Asistant @ Computer Science Department, SBU**
 - CSE 519: Data Science Aug. 2016 – Dec. 2016
 - CSE 219: Systematic program design, coding, and testing Aug. 2014 – Dec. 2014
 - CSE 114: Procedural and object-oriented programming Aug. 2014 – Dec. 2014
- **Research Asistant @ SKLMS Lab, XJTU** Sep. 2011 – May 2014
 - Working on event detection from large-scale microblog streams.
 - Building large-scale knowledge bases for real-world e-learning systems.

Industry Experience

- **Machine Learning Engineer Intern @ Facebook, NYC** May 2018 – Aug. 2018
 - Designing and implementing algorithms to optimize ranking performance for Instagram Explore users.
- **Software Engineer Intern @ Google Research, MTV** May 2017 – Aug. 2017
 - Worked on user understanding through representation learning.
- **Academic Research Partnership @ Yahoo Research, NYC** Sep. 2016 – May 2017
 - Designing and implementing fine-grained nationality classifier.
- **Intern Scientist @ Yahoo Research, NYC** May. 2016 – Aug. 2016
 - Predicting ethnicities of large-scale email users using name embeddings.
- **Software Engineer Intern @ Qihoo, Beijing, China** Dec. 2012 – Apr. 2013
 - Detecting emerging popular social events from search logs of Chinese second largest search engine.

Patents

- **J. Ye**, Y. Hu, B. Coskun, M. Liu, and S. Skiena, *Name-based Ethnicity Classification of Email Users*, US20180218382A1, 2018.
- J. Liu, **J. Ye** and Q. Zheng, *A Method of Knowledge Units Relation Extraction from Text Documents*, China Publication number: CN102436480 A, 2012.

Skills

- Proficient in Python, Java and C/C++;
- Familiar with PyTorch, Hadoop, Spark, R, C#, Git, D3.js, Matlab;

Reviewer/Referee

- The International AAAI Conference on Web and Social Media (ICWSM), 2018
- ACM Transactions on Intelligent Systems and Technology (TIST), 2017
- International Joint Conference on Artificial Intelligence (IJCAI), 2017
- Neural Information Processing Systems (NIPS), 2017
- International Conference on Social Informatics (SocInfo), 2016

Talks/Presentations

- Invited talk on *NamePrism* and its applications @IACS Seminars, SBU, Feb. 2018
- Oral Presentation on name embeddings @CIKM, Singapore, Nov. 2017
- Invited talk on nationality classification of email users @Yahoo Research, Mar. 2017
- Poster presentation on temporal opinion spam detection @ICWSM Germany, May 2017
- Poster presentation on spam group detection @COSN Stanford Univ., Nov. 2015

Awards

- SBU IACS Junior Researcher Award Aug. 2018
- CIKM Travel Award Aug. 2017
- SIGIR Student Travel Grant Aug. 2017
- ICWSM Student Grant Award May 2016
- SBU Young Writer's Award Apr. 2016
- SBU CS Department Special Chair Sholarship (First Tier) Aug. 2014
- SBU Graduate School Scholarship Aug. 2014