Yue Chen | Résumé

Education

Indiana University — Bloomington, IN
Ph.D. in Computational Linguistics, with a minor in Computer Science — *2015 – 2021 (Expected)*
Dissertation: Multimodal Emotion Recognition with Audio and Text

Beijing Foreign Studies University — Beijing, China
B.A. in English Language and Literature — *2009 – 2013*
B.A. Honors Thesis: A Performance Assessment of Processing the Multi-functions of the Primary Verb *Do* on Two Machine Translation Engines

Experience

Work Experience

Indiana University — Bloomington, IN
Graduate Research Assistant — *2015 – Present*
Various research projects, system administration, and server maintenance for the Computational Linguistics Lab and the Computer Vision Lab

SUSE Linux Beijing Research & Development — Beijing, China
Software Engineer — *2014 – 2015*
Quality engineering for SUSE Linux across all architectures

Oracle China Research & Development — Beijing, China
Software Engineer / Software Engineering Intern — *2012 – 2014*
Quality engineering for Solaris and Oracle Virtual Machine on SPARC and x86_64

Internships

Interactions Research Labs — Murray Hill, NJ
Research Scientist Intern — *2018*
Natural language understanding and intent analysis for dialogue systems
Speech emotion recognition

Google — Beijing, China
Goolge Summer of Code — *2013*
Debian MIPS N32/N64 ABI port

Service

ACL, EMNLP, NAACL, AACL, ICLR, IEEE Transactions on Multimedia, etc.
Program Committee / Reviewer — *2015 – Present*
Review journal papers / conference proceedings

Ubuntu — Beijing, China
China Local Community Contact — *2010 – 2015*
Leader of the community and advocate for free and open source software

openSUSE.Asia Summit 2014 — Beijing, China
Co-chair — *2014*
Organization of the conference and the training for all the volunteers

Research Interests

Interpretability of NLP models and features, hybrid (neural and symbolic) methods, emotion recognition, sentiment analysis, and natural language understanding/intent analysis for dialogue systems.

Publications and Invited Talks

Peer-reviewed Conference Proceedings

2019: Steimel, K., Dakota, D., Chen, Y. & Kuebler, S. (2019). Investigating Multilingual Abusive Language Detection: A Cautionary Tale. In Proceedings of Recent Advances in Natural Language Processing (RANLP 2019) (pp. 1151-1160).

2019: Chen, Y. & Chen, J. (2019). A k-Nearest Neighbor Approach towards Multi-level Sequence Labeling. In Proceedings of the 2019 Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies (NAACL 2019) (pp.149-156).

2018: Chen, Y., Steimel, K., Green, E., Hjortnaes, N., Tian, Z., Dakota, D., & Kuebler, S. (2018). Towards Determining Textual Characteristics of High and Low Impact Publications. In Proceedings of the 11th International Conference on Language Resources and Evaluation (LREC 2018) (pp. 1-7).

2016: Liu, C., Li, W., Demarest, B., Chen, Y., Couture, S., Dakota, D., ... & Steimel, K. (2016). IUCL at SemEval-2016 Task 6: An Ensemble Model for Stance Detection in Twitter. In Proceedings of the 10th International Workshop on Semantic Evaluation (SemEval 2016) (pp. 394-400).

Conference Presentations and Invited Talks

2020: Chen, Y. (2020) Feature Analysis for Neural Speech Emotion Recognition. Central Kentucky Linguistics Conference 2020. Lexington, KY.

2018: Steimel, K., Chen, Y., Dakota, D., Kuebler, S. (2018) How to Write a Successful Paper: Impact Detection Based on Textual Characteristics. 7th Annual Midwest Cognitive Science Conference. Bloomington, IN.

2012: Chen, Y. FOSS Promotion and Community Advocacy. GNOME.Asia 2012. Hong Kong, China.

2011: Chen, Y. Ubuntu China Local Community Report. Ubuntu Developer Summit. Orlando, FL.

Preprints

2020: Ju, Y., & Chen, Y. (2020). An Ultra Lightweight CNN for Low Resource Circuit Component Recognition. arXiv preprint arXiv:2010.00505.

Technical Skills

Natural Language Processing and Machine Learning

Natural Language Processing: speech emotion recognition, sentiment analysis, named entity recognition/sequence labeling, natural language understanding, authorship profiling, parsing, topic modeling, and machine translation

Machine Learning: scikit-learn, TensorFlow, and memory-based learning

Programming

Python: Advanced **C**: Intermediate

Language Skills

Languages: Mandarin: Native; English: Bilingual/Proficient; Spanish: Intermediate.

Translation: China Accreditation Test for Translators and Interpreters Level (CATTI) 3