

# Yue Chen | CV

📄 [chenyueg.github.io](https://chenyueg.github.io)

## Education

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<b>Indiana University</b> <i>Ph.D. in Computational Linguistics, with a minor in Computer Science</i> Dissertation: Multimodal Emotion Recognition with Audio and Text	Bloomington, IN 2017 – 2022 (Expected)
<b>Indiana University</b> <i>M.S. in Computational Linguistics</i>	Bloomington, IN 2015 – 2021
<b>Beijing Foreign Studies University</b> <i>B.A. in English Language and Literature</i> B.A. Honors Thesis: A Performance Assessment of Processing the Multi-functions of the Primary Verb <i>Do</i> on Two Machine Translation Engines	Beijing, China 2009 – 2013

## Experience

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### Work Experience

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<b>MICROSOFT CORPORATION</b> <i>Software Engineer II</i> Development of Azure Virtual Desktop, FSLogix, and machine learning based AVD scaling	Redmond, WA 2021 – Present
<b>INDIANA UNIVERSITY</b> <i>Graduate Research Assistant</i> Various research projects, system administration, and server maintenance for the Computational Linguistics Lab and the Computer Vision Lab	Bloomington, IN 2015 – Present
<b>SUSE LINUX BEIJING RESEARCH &amp; DEVELOPMENT</b> <i>Software Engineer</i> Quality engineering for SUSE Linux across all architectures	Beijing, China 2014 – 2015
<b>ORACLE CHINA RESEARCH &amp; DEVELOPMENT</b> <i>Software Engineer / Software Engineering Intern</i> Quality engineering for Solaris and Oracle Virtual Machine on SPARC and x86_64	Beijing, China 2012 – 2014

### Internships

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<b>Interactions Research Labs</b> <i>Research Scientist Intern</i> Natural language understanding and intent analysis for dialogue systems Speech emotion recognition	Murray Hill, NJ 2018
<b>Google</b> <i>Google Summer of Code</i> Debian MIPS N32/N64 ABI port	Beijing, China 2013

### Service

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<b>ACL, EMNLP, NAACL, NeurIPS, ICLR, Natural Language Engineering, ACL Rolling Review, IEEE Transactions on Multimedia, etc.</b> <i>Program Committee / Reviewer</i>	2015 – Present
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Review journal papers / conference proceedings

**IJCAI-21 Workshop on Deep Learning, Case-Based Reasoning, and AutoML**

Montreal, Canada

*Publicity Chair*

2021

Promote the workshop to potential authors, researchers, and the wider media

**Ubuntu**

Beijing, China

*China Local Community Contact*

2010 – 2015

Leader of the community and advocate for free and open source software

## Research Interests

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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

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### 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

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### 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, PyTorch, and case-based reasoning

Programming.....

**Python:** Advanced **C / C++:** Intermediate

**Language Skills**

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

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