

Zhengxiang Wang

✉ jackwang196531@gmail.com | 🏠 <https://jaaack-wang.eu.org> | 🐙 GitHub | 🔗 LinkedIn

EDUCATION

Stony Brook University <i>Ph.D. in Linguistics</i> (with a focus on Computational Linguistics)	Stony Brook, NY <i>Aug 2022 – Present</i>
University of Saskatchewan <i>M.A. in Applied Linguistics</i> (Graduate Thesis Award)	Saskatoon, Canada <i>Sep 2019 – May 2021</i>
Hunan University <i>B.A. in Chinese Language and Literature</i> (summa cum laude)	Changsha, China <i>Sep 2015 – Jun 2019</i>

CERTIFICATES

Machine Learning Specialization , DeepLearning.AI	2022
Practical Data Science on the AWS Cloud , DeepLearning.AI	2022
Deep Learning Specialization , DeepLearning.AI	2021
Machine Learning , Stanford Online	2021
Deep Learning Based Natural Language Processing , Baidu PaddlePaddle	2021

SKILLS

Programming: Python, Java, R, Octave, HTML, L^AT_EX, C/C++, Unix scripting
Frameworks: TensorFlow, Keras, PyTorch, PaddlePaddle, NumPy, Jax, scikit-learn
Cloud Computing: AWS, Baidu AI Studio, Google Colab

EMPLOYMENT

Graduate Teaching Assistant , Stony Brook University	Aug 2022 – Present
Research Mentor , Mitacs	Apr 2021 – Sep 2021
Graduate Research Assistant , University of Saskatchewan	May 2020 – Jun 2021
Research Intern , University of Alberta	Jun 2018 – Sep 2018

PUBLICATIONS & MANUSCRIPTS

- (* denotes equal contributions)
- Li, Z*, Makarova, V* & **Wang, Z***. (2022). Developing literature review writing skills through an online writing tutorial series: Corpus-based evidence. *Frontiers*. Under review.
 - **Wang, Z.** (2022). Random Text Perturbations Work, but not Always. ArXiv:2209.00797 [cs.CL].
 - Hao, H., Cui, Y., **Wang, Z.** & Kim, Y. (2022). Thirty-Two Years of IEEE VIS: Authors, Fields of Study and Citations. IEEE VIS 2022.
 - **Wang, Z.** (2021). Linguistic Knowledge in Data Augmentation for Natural Language Processing: An Example on Chinese Question Matching. ArXiv:2111.14709 [cs.CL].
 - **Wang, Z.** (2021). A Macroscopic Re-examination of Language and Gender: A Corpus-Based Case Study in University Instructor Discourses. University of Saskatchewan.
 - Peng, L*, & **Wang, Z***. (2017). The contemporary reflection on the Sentence-Based theory postulated by New Grammar of Modern Chinese. *Journal of Hengyang Normal University*. 38(5), 95-101.

PRESENTATIONS

- **Wang, Z.**, Li, Z., & Makarova, V. (2022) Don'ts of English Grammar in International Graduate Students' ESL Academic Writing. Prairie Workshop on Languages and Linguistics VI, University of Saskatchewan.
- Makarova, V., Li, Z. & **Wang, Z.** (2022) What international graduate students seek and find in an online Academic English Writing tutorial course. ACLA/CAAL 2022.
- **Wang, Z.**, Li, Z., & Makarova, V. (2021) Developing an online academic writing tutorial for non-native English speaking international graduate students in diverse programs of studies. International Teaching Online Symposium, University of Windsor.
- **Wang, Z.**, Tucker, B. V. & Mukai, Y. (2018). How does Chinese learner of English perceive and comprehend phonetic reduction? Summer Poster Symposium at University of Alberta.