

# Enyi Jiang (Olivia)

userID: enyij2@illinois.edu

Email : enyij2@illinois.edu, 214593262@qq.com

Mobile : +8619818339935

## EDUCATION

---

- **University of Illinois at Urbana-Champaign** 3.91/4.00  
*Master of Science in Computer Science (with thesis)* Sept. 2020 - Dec 2022
- **University of Illinois at Urbana-Champaign** 3.94/4.00  
*Bachelor of Science in Computer Engineering* Sept. 2016 - May 2020
- **Zhejiang University** 3.95/4.00  
*Bachelor of Engineering in Electronics and Computer Engineering* Sept. 2016 - May 2020  
\* Dual-degree Program from ZJU-UIUC Institute, already completed degrees from both universities

## EXPERIENCE

---

- **Chinese Word Segmentation** Shenzhen, Guangdong  
*Tencent AI Lab* Dec 2020 - Present
  - Train different pretrained models for of Chinese word segmentation (CWS) task, lead a team to annotate the hard sentences as a new CWS dataset, create a new standard for annotation with fine and coarse grained.
  - Conduct a research on Lexical Substitution task using BERT and GPT models, try retrieval-based and ranking methods to improve the performance
  - Explore how to define a word in both English and Chinese, filter out the useless words for word embedding training
- **Bio Text Mining(demo link)** Urbana-Champaign, Illinois  
*Data Mining Group at Computer Science Department, UIUC* May 2019 - Feb 2020
  - Searched into Unified Medical Language System (UMLS) database to clean up 17 biologically semantic types of dictionaries for name entity recognition (NER) and completed back-end I/O code for AutoBioNER demo
  - Improved the gaussian mixture model dictionary expansion result by designing a knowledge-based raw-text selection method
  - Refined the annotated abstracts NER result after doing comparison with the part of speech tagging result

## PUBLICATIONS

---

- Xuan Wang, Yingjun Guan, Weili Liu, Aabhas Chauhan, **Enyi Jiang**, Qi Li, David Liem, Dibakar Sigdel, John Caufield, Peipei Ping and Jiawei Han, *EVIDENCEMINER: Textual Evidence Discovery for Life Sciences*, in Proc. 2020 Annual Conf. of the Association for Computational Linguistics (ACL20) (System demo), Seattle, WA, July 2020

## AWARDS

---

- Graduate with Highest Honors of ECE Department at UIUC July 2020
- Outstanding Graduates of Zhejiang University July 2020
- Summer 2019 SPIN Intern Completion with Recognition Letter(link) July 2019
- Dean's List of UIUC Mar 2019
- Meritorious Winner of Mathematical Contest In Modeling (certificate) (paper) Mar 2018
- Academic First-Class Scholarship of ZJU-UIUC Institute (RMB 60,000) 2017, 2018
- First-Class Student Award of Zhejiang University Nov 2017

## PROGRAMMING SKILLS

---

- **Programming Languages:** Python, C, C++, R, SystemVerilog, Matlab, Java

## TEACHING

---

- **Math 213:** Discrete Mathematics, *Teaching Assistant* Fall 2019
- **CS 225:** Data Structures, *Teaching Assistant* Spring 2020
- **CS 361:** Probability and Statistics for Computer Science, *Teaching Assistant* Fall 2020