

# SHUYAN ZHOU

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## EDUCATION

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- Ph.D. in LANGUAGE TECHNOLOGIES Aug 2020 - Present  
**Carnegie Mellon University**  
Advisor: Graham Neubig
- M.S in LANGUAGE TECHNOLOGIES Aug 2018 - Aug 2020  
**Carnegie Mellon University**  
GPA: 4.00/4.00  
Advisor: Graham Neubig
- B.S in COMPUTER SCIENCE AND TECHNOLOGY Aug 2014 - Jun 2018  
**Harbin Institute of Technology**  
GPA: 92/100 (ranked 3rd out of 201)

## PUBLICATIONS

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1. Shuyan Zhou\*, Li Zhang\*, Yue Yang, Qing Lyu, Ricardo Gonzalez, Pengcheng Yin, Chris Callison-Burch, Graham Neubig, Graham Neubig. **Show Me More Details: Discovering Hierarchies of Procedures from Semi-structured Web Data** (under submission)
2. Shuyan Zhou, Pengcheng Yin, Graham Neubig. **Procedures as Programs: Hierarchical Control of Situated Agents through Natural Language** (Arxiv preprint 2021)
3. Shruti Rijhwani, Shuyan Zhou, Graham Neubig, Jaime Carbonell. **Soft Gazetteers for Low-resource Named Entity Recognition** (ACL 2020)
4. Shuyan Zhou, Shruti Rijhwani, John Wieting, Jaime Carbonell, Graham Neubig. **Improving Candidate Generation for Low-resource Cross-lingual Entity Linking** (TACL 2020)
5. Shuyan Zhou, Shruti Rijhwani, Graham Neubig. **Towards Zero-resource Cross-lingual Entity Linking** (EMNLP DeepLo Workshop 2019)
6. Shuyan Zhou, Xiangkai Zeng, Yingqi Zhou, Antonios Anastasopoulos, Graham Neubig. **Improving Robustness of Neural Machine Translation with Multi-task Learning** (WMT 2019)
7. Feng Nie, Shuyan Zhou, Jing Liu, Jinpeng Wang, Chin-Yew Lin, Rong Pan. **Aggregated Semantic Matching for Short Text Entity Linking** (CoNLL 2018)

## RESEARCH EXPERIENCE

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**Carnegie Mellon University**, Pittsburgh, PA Aug 2018 - Present  
*Graduated Research Assistant* (Advisor: Graham Neubig)

I work on natural language command and control with a focus on acquiring and reasoning about procedural knowledge. Before, I worked on multilingual learning with a focus on low-resource cross lingual entity linking.

**Microsoft Dynamic 365**, Redmond, WA May 2020 - Aug 2018  
*Research Intern* (Host: Kaushik Chakrabarti)

I worked on semantic type-aware data augmentation for Text-to-SQL.

**Microsoft Research Asia**, Beijing, China Jul 2017 - Jun 2018  
*Research Intern* (Host: Chin-Yew Lin)

I worked on semantic matching for entity linking and informative produce review generation.

## TEACHING

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CMU 11711 Advanced NLP Fall 2021  
CMU 11747 Neural Network for Natural Language Processing Spring 2021

## SERVICES

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Reviewer for EACL 2021, ACL 2021, AAAI2022  
Organizer and mentor of CMU Graduate Application Support Program

## AWARDS & HONORS

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EACL outstanding reviewer 2021  
Outstanding Graduate Award of HIT 2018

First-class Scholarship (top 5%)	2014-2018
Fung Scholarship (awarded to 100 undergraduates in all of mainland China)	2016
Fuji Xerox Scholarship (top 2%)	2016