

December 2018

## Xuanyu Ben Zhou

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<http://xuanyu.me>

(312) 709-7813

### EDUCATION

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- 2015 - 2019    University of Illinois at Urbana-Champaign  
Bachelor of Science in Computer Science  
GPA: 3.8/4.0
- Summer        Stanford University  
2016            Non-degree Summer College in Computer Science
- 2012 - 2015    High School Affiliated to Renmin University of China

### RESEARCH EXPERIENCE

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- 2017 -           Cognitive Computation Group  
*Research Assistant*  
Advisor: Prof. Dan Roth  
Focus: Natural Language Understanding and Reasoning

### PUBLICATIONS

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1. **Ben Zhou** and Daniel Khashabi and Chen-Tse Tsai and Dan Roth. "Zero- Shot Open Entity Typing as Type Compatible Grounding", In *EMNLP*, 2018.
2. Ning Qiang and **Ben Zhou** and Zhili Feng and Haoruo Peng and Dan Roth. "CogCompTime: A Tool for Understanding Time in Natural Language", In *EMNLP (demo track)*, 2018
3. Khashabi et al, "CogCompNLP: Your Swiss Army Knife for NLP", In *LREC*, 2018

### PROFESSIONAL EXPERIENCE

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- Summer        Facebook Inc.  
2018            *Software Engineer Intern*  
Team: Community Integrity: Care Tools  
Project: Develop evaluation platforms to support bad content intervention

Summer      Baidu Inc.  
2015      *Software Engineer Intern*  
Team: Baidu Encyclopedia  
Project: Tools for automatic content generation and classification

## PROJECTS

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- 2018 -      Common-Sense Reasoning  
              *Ongoing research project*  
              - Aim to allow machines to reason with human-level common-sense on event temporal properties and beyond.
- 2018      Zero Shot Entity Typing <sup>1</sup>  
              - Proposed a novel approach to contextual entity typing that is not limited to a fixed label set and uses no typing-specific annotation.
- 2017 -      CogComp Software <sup>2,3</sup>  
              - Varies software contributions to CogComp NLP packages including cogcomp-nlp, lbjava, apelles and other utilities.
- 2015 -      Varies Software Projects  
              - See my [Github Repositories](#).

## AWARDS

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- 2018      CRA Outstanding Undergraduate Researcher Awards Nomination  
              *Awaiting national selection*
- 15F,17F,18S    Dean's List, College of Engineering, UIUC

## SERVICES

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- 2018      Co-Reviewer: AAI-2019, NAACL-2018

## SKILLS

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Proficient in Python, Java, PHP.

Experienced in most common programming languages, frameworks and systems.

Fluent in Mandarin and English.