

## Research Interests

- Natural Language Processing
  - Text summarization/generation
  - Computational semantics
  - Machine translation
  - Dialogue
- Information Extraction
  - Named entity recognition

## Education

- **New York University** New York, United States
  - M.S. Computer Science 09/2019 – present
- **Fudan University** Shanghai, China
  - M.S. Computer Science 09/2011 – 07/2014
    - Research area: Natural Language Processing, Information Extraction
    - Advisor: Prof. Xuan-Jing Huang & Prof. Qi Zhang
- **Anhui University of Technology** Maanshan, China
  - B.S. Software Engineering 09/2006 – 07/2010

## Work Experiences

- **PayPal, Shanghai, China**
  - Senior AI Engineer 04/2019 – 08/2019
    - Lead & involve in the design and development of algorithms/models to support PayPal business units for compliance and risk management, fraud detection, etc.
- **Alibaba, Hangzhou, China**
  - Algorithm Expert 02/2019 – 04/2019
    - Lead & involve in the design and development of algorithms/models to support Alibaba business units for compliance and risk management, fraud detection, etc.
- **Meituan-Dianping, Shanghai, China**
  - Senior Algorithm Engineer 07/2014 – 02/2019
    - Lead & involve in the design and development of algorithms/models to support DianPing's search business unit, include query understanding & document understanding.

## Publications & Patents

- **Juan Xu**, Qi Zhang and Xuanjing Huang.  
Personalized Hashtag Suggestion for Microblogs.  
*4th National Conference of Social Media Processing, (SMP) 2015*
- **Juan Xu**, Qi Zhang and Xuanjing Huang.  
Understanding the Semantic Intent of Domain – Specific Natural Language Query.  
*International Joint Conference on Natural Language Processing, (IJCNLP) 2013*
- **Juan Xu**, Tian Yi and Wei Su and Wei Shi and Ao Chuang.  
A method and system of entity relevance verification code generation.  
*First class patent of Alibaba group company, to appear 2019*
- **Juan Xu\***, Rao Fu\* and Zhian Yu and Yanhua Wang and Gong Zhang.  
A method and system of real-time generation of articles.  
*First class patent of meituan-dianping company, to appear 2018*

- Rao Fu, **Juan Xu** and Zhian Yu and Yanhua Wang and Gong Zhang  
A general method and system for identifying the semantic intent of search keyword.  
*Second class patent of meituan-dianping company, to appear 2018*

## Academic Presentations

- **International Joint Conference on Natural Language Processing (IJCLP'13)** Nagoya, Japan  
Oral presentation 10/2013
- **The Eighth ACM International WSDM Conference (WSDM'15)** Shanghai, China  
Winter School 02/2015
- **National Conference of Social Media Processing (SMP'15)** Guangzhou, China  
Oral presentation 10/2015

## Honors & Grants

- 12th Meituan-Dianping Hackthon First class Winner, Shanghai, China. 12/2017
- Meituan-Dianping Technology Innovation Award Winner, Shanghai, China. 12/2015
- Student Scholarship, Fudan Univ. 06/2012–06/2013
- Student Scholarship, AHUT. 06/2007–06/2010

## Teaching Experience

- **Fudan University**
  - Teaching Assistant, Computational thinking 2012 Fall
  - Teaching Assistant, Chinese information processing 2013 Spring

## Skills

- **NLP:** CWS, Language Model, NER, Text Generation, Summarization
- **Deep Learning:** CNN, RNN, Attention, Transformer, Bert, Tensorflow, PyTorch
- **Java:** Spring, Maven, Design Pattern
- **Python:** Numpy, Scipy, Pandas, Sklearn, Beautiful Soup
- **Language:** Chinese (Native), English (Fluent)

## Social Activity

- **Clara Non-profit DIY Club**[\[link\]](#)
  - Member
  - Environmental Protection
  - Support Disadvantaged children