

Juan (Fei) Xu

PERSONAL

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Homepage: [fayexu.github.io](https://github.com/fayexu)

RESEARCH INTERESTS

Natural Language Processing, with a focus on summarization, text generation, dialog.

EDUCATION

- 2019– **New York University**, New York, NY
M.S., Information System
- 2011–2014 **Fudan University**, Shanghai, China
M.S., Computer Science, Natural language processing(NLP)
Advisors: Qi Zhang, Xuanjing Huang
- 2006–2010 **Anhui University of Technology**, Maanshan, China
B.Eng., in Software Engineering

WORK EXPERIENCES

- 04/2019–08/2019 Senior AI Engineer, **PayPal**, Shanghai, China
Lead the design and development of algorithms / models to support PayPal business units for compliance and risk management, fraud detection, etc.
- 02/2019–04/2019 Algorithm Expert, **Alibaba**, Hangzhou, China
Lead the design and development of algorithms / models to support Alibaba business units for compliance, fraud detection, etc.
- 07/2014–02/2019 Senior Algorithm Engineer , **Meituan-Dianping**, Shanghai, China
Lead 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, 2017

TEACHING EXPERIENCE

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

SKILLS

Language: Chinese (Native), English (Fluent)

NLP: (CWS, Language Model, NER, Text Generation, Summarization)

Deep Learning: (CNN, RNN, Attention, Transformer, Tensorflow, PyTorch)

Java: (Spring, Maven, Design Pattern)

Python: (numpy, scipy, pandas ,sklearn, beautiful Soup)