

Yuqing. Xie

PH.D. STUDENT IN COMPUTER SCIENCE (NATURAL LANGUAGE PROCESSING)

✉ amyxie361@outlook.com | 📧 amyxie361 | 🎓 Yuqing (Sherry) Xie | Research interest: Information Retrieval, Question Answering, Dialogue, Deep Learning.

Education

Cheriton School of Computer Science, University of Waterloo

Waterloo, ON, Canada

PH.D. STUDENT IN COMPUTER SCIENCE

Sept. 2018 - Present

- Supervisor: Prof. Ming Li and Prof. Jimmy Lin.

School of Mathematical Sciences, Fudan University

Shanghai, China

B.S. IN MATHEMATICS AND APPLIED MATHEMATICS

Sept. 2014 - June. 2018

- GPA:3.6/ Major 3.5/4.0(Overall)
- In the Honor Class of the National Basic Subject Top-notch Talent.
- Thesis: Biological Question Answering System based on Neural Network (Supervisor: Yiming Wei and Shanfeng Zhu)

Publication

Data Augmentation for BERT Fine-Tuning in Open-Domain Question Answering

arXiv:1904.06652

WEI YANG*, YUQING XIE*, LUCHEN TAN, KUN XIONG, MING LI, JIMMY LIN

2019

End-to-End Open-Domain Question Answering with BERTserini

NAACL, demo, arXiv:1902.01718

WEI YANG*, YUQING XIE*, AILEEN LIN, XINGYU LI, LUCHEN TAN, KUN XIONG, MING LI, JIMMY LIN

2019

Industry Experience

RSVP.ai

Waterloo, ON, Canada

RESEARCH INTERNSHIP

Nov. 2018 - Present

- Constructed a Wiki-based End-to-end Question Answering System both in English and Chinese.
- Improved the system's performance under open-domain setting using text augmentation.
- Tested the system's performance and provided real-time online service.
- Applied the system to domain specific document information retrieval.

Yitu-Tech

Shanghai, China

MACHINE LEARNING ALGORITHM INTER-SHIP

Feb. 2018 - Aug. 2018

- Improved the Single Shot MultiBox Detector model for object detection on car detection task.
- Implemented the HOG-SVM for digital recognition in car license detection.

Teaching

University of Waterloo

Waterloo, ON, Canada

TEACHING ASSISTANT

- Served as Teaching assistant for CS 651/451(Data-Intensive Distributed Computing) in 19 Fall,
- CS 245 (Logic and Computation) in 18 Spring,
- CS 136 (Elementary Algorithm Design and Data Abstraction) in 18 Winter,
- CS 246 (Object-Oriented Software Development) in 18 Fall.

Honors & Awards

IN CANADA

2018-2020 **Scholarship**, UW Grad Scholarship

Waterloo, Canada

IN CHINA

2015-2017 **Scholarship**, Outstanding Students of Fudan University

Shanghai, China

2016 **Honorable Mention**, COMAP's Mathematical Contest In Modeling

Shanghai, China

2011-2013 **First Prize (Best Female Participant in 2013)**, National Olympiad in Informatics

Jiangsu, China

2013 **First Prize**, Chinese Physics Olympiad

Jiangsu, China

2012 **First Prize**, Chinese Mathematical Olympiad

Jiangsu, China