

ZHUORAN YU

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EDUCATION

Georgia Institute of Technology, Atlanta, GA

Sep 2018 - Present

Master of Computer Science

GPA: 4.0/4.0

University of Waterloo, Waterloo, Canada

Jan 2014 - June 2018

Bachelor of Mathematics

Graduate with Distinction, Dean's Honours List

Arthur Beaumont Memorial Scholarship, University of Waterloo, 2018

PUBLICATION

Scale Synchronized Training: Improving Generalization of Deep Networks via Exclusive Normalization

· *Under Review, CVPR 2020*

Scale-Equalizing Pyramid Convolution for Object Detection)

· *Under Review, CVPR 2020*

PIClean: An Interactive and Probabilistic Data Cleaning System(DEMO)

· *SIGMOD Demo Track, Amsterdam, the Netherlands, 2019*

EmotionX-Antenna: An Emotion Detector with Residual GRU and Text CNN

· *The 7th International Workshop on Natural Language Processing for Social Media(SocialNLP) @IJCAI, Macau, China, 2019*

EXPERIENCE

Sensetime Group Limited

May 2019 - Dec 2019

Research Intern

Graduate Teaching Assistant

Jan 2019 - Apr 2019

CS 7641 Machine Learning

University of Waterloo, Database Systems Group

May 2017 - Dec 2017

Undergraduate Research Assistant

University of Waterloo, Symbolic Computation Group

Sep 2015 - Dec 2015

Undergraduate Research Assistant

PROJECTS

SenseKitchen

July 2019 - Oct 2019

- Building object detectors to detect anomalous behaviour in kitchens
- Final solution is 5x faster with only 1% recall loss

Graph Partitioning

May 2017 - Dec 2017

- Implementing different stream partition algorithms
- Evaluating performance of different partition algorithms in response to different type and number of queries over 16 clusters