

# ZHUORAN YU

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## EDUCATION

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**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

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**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

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**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

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**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