ZHUORAN YU

Graduate Student, Georgia Institute of Technology

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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

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
· Providing object detection solution to production team in different scenarios
· Conduct independent research to improve both accuracy and efficiency of object detectors

University of Waterloo, Database Systems Group May 2017 - Dec 2017
Undergraduate Research Assistant
· Studying streaming graph partition algorithms on large-scale real-world social network data over distributed clusters

SKILLS

Languages	Python, Java, C/C++, MATLAB, SQL
Technologies & Tools	Pytorch, TensorFlow, LaTeX, Excel

PROJECTS

Probabilistic Error Detection Aug 2018 - May 2019
· Building an end-to-end system for data cleaning
· Designing algorithms based on low-rank approximation for *error detection* and *data repair*

Graph Partitioning May 2017 - Dec 2017
Under supervision of Prof. Tamer Ozsu and Ph.D Anil Pacaci, University of Waterloo
· Implementing different stream partition algorithms
· Evaluating performance of different partition algorithms in response to different type and number of queries over 16 clusters