YULI ZHENG

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EDUCATION BACKGROUND

University of Science and Technology of China (USTC)   Hefei, Anhui, China
B.S. in Statistics   *Sep 2017 - Jun 2021 (expected)*
- **Overall GPA: 3.53**/4.3 or **86.5**/100
- **Major GPA: 3.9**/4.3 or **89.2**/100

B.S. in Computer Science (Second Major)   *Sep 2017 - Jun 2021 (expected)*
- **Overall GPA: 3.7**/4.3 or **87**/100

RESEARCH EXPERIENCE

Texas A&M University   *Nov 2019 - Present*
Title: On Privacy-preserving ML Moldel Selection for Clients via Adversarial Training
Advisor: Zhangyang Wang in Department of Computer Science and Engineering
- Designed framework explicitly learning a degradation transform for the original inputs
- Used budget model restarting and ensemble to protect privacy against unseen hacker models
- Novel training strategies, evaluation protocols, and result visualization methods have been designed accordingly
- A paper is in progree

Rensselaer Polytechnic Institute   *Jun 2019 - Sep 2019*
Title: New Optimization Solver Using SQCQP Method Based On a Faster QCQP Solver
Advisor: Prof.Yangyang Xu in the School of Mathematics
- Designed a algorithm applicable for parallel computing to solver QCQP problem
- Implemented a SQCQP solver based on the QCQP solver
- Implemented a optimization solver and tested it
- A paper is under review

University of Science and Technology of China   *Oct 2017 - Nov 2018*
Title: A Special Community Detection Methods for Building Decision System for Company
Advisor: Prof.Yugang Yu in the School of Management
- Proposed a special algorithm based on the characteristic for company decision
- Set up an intelligent system according to the algorithm
- Collected real datas from local company and test our system with them

HONORS

- Excellent Student for year 2018-2019 Sliver Award (**Top 10%** in USTC)   2019
- Improvement Award   2019
- Outstanding Freshman Sliver Award (**Top 10%** in USTC)   2017

COMPETITIONS

- Kaggle Bronze medal (**Top 10%**)
- Leetcode weekly competition (**Top 5**)

RELEVANT COURSES

Pure Mathematics		Applied Mathematics & Computer Science	
Differential Equations	95	Data Structures and Database	95
Mathematical Analysis	93	Symbol Computation	90
Probability Theory	92	Discrete Mathematics	90
Real Analysis	90		

ADDITIONAL INFORMATION

- Language: C / Python / R ⋄ Software: MATLAB / Mathematica ⋄ Design: HTML / Latex