Lianmin **Zheng**

(+86) 158-2185-3759 | mercy_zheng@sjt.edu.cn | www.lmzheng.com | merrymercy

"Do the most challenging things in the best years"

Education

ACM Honoured class, Zhiyuan College, Shanghai Jiao Tong University *Sept. 2015 - present*

third-year undergraduate in Computer Science

- GPA: 3.9/4.3 Score: 90.7/100 Rank: 2/25

Research Experience

Apex Data and Knowledge Management Lab at Shanghai Jiao Tong University *Jul. 2017 - Present*

Research Assistant, advised by Prof. Weinan Zhang

- worked on deep reinforcement learning and multi-agent system
- developed MAgent, a many-agent reinforcement learning platform

Data Center Engineering Lab at Shanghai Jiao Tong University *Jan. 2017 - Jun. 2017*

Research Assistant, advised by Prof. Xiaofeng Gao

- worked on NBA data visualization

Project Experience

MAgent : A Many-Agent Reinforcement Learning Platform *Jul. 2017 - present*

MAgent is a many-agent reinforcement learning platform. It aims at taking the number of agents in deep reinforcement learning to million scale.

Compiler Malic *May. 2017*

Malic is the winner compiler (1/25) with best performance in Compiler 2017 at ACM Class. It compiles a java-like language into x86-64 asm with basic optimization techniques.

goGFS: Google File System in golang *Jul. 2016*

goGFS is a simple implementation of the Google File System (GFS). It is tested with a small cluster of inexpensive machines (1 master, 12 chunkservers and 12 clients) Fault tolerance is provided.

VisNBA: Visualize the NBA data *Mar. 2017*

VisNBA is a NBA data visualization tool. It visualizes NBA data from perspective of game, player and team respectively. Box-score data, SportVU trace data are all supported.

Honors & Awards

May. 2017 **Meritorious Winner**, The Interdisciplinary Contest in Modeling (ICM)
Fall 2016 National ScholarShip **(Top 3%)**
Fall 2016 Zhiyuan Honoured Scholarship **(Top 5%)**
Fall 2016 Academic Excellence Sholarship **(Top 5%)**
Nov. 2012 **First Price**, The 18th National Olympiad in Informatics in Provinces (NOIP)

Skills

Languages C/C++, Python, Java, Javascript, HTML/CSS, LaTeX, golang, Verilog
Packages Tensorflow, NumPy, MXNet, OpenMP