

ZHENGYU CHEN

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EDUCATION

Carnegie Mellon University

M.S. in Computer Science

Pittsburgh, PA

Sep 2018 - Dec 2019 expected

Course: NLP, Introduction to Machine Learning, Distributed System

University of Texas at Austin

Exchange Student in Computer Engineering

Austin, TX

Jan 2017 - May 2017

GPA: 4.0/4.0

Coursework: Computer Graphics, Database Management, Signals and Systems

Tsinghua University

B.Eng. in Software Engineering

Beijing, China

Aug 2014 - Jun 2018

Minor in Business and Management

GPA: 89/100 Honor Student Scholarship, 2015 & 2016.

Course: Data Structure and Algorithms, Multi Media(Graphics, Vision and Audio Processing), Probability and Statistics, Software Engineering

RESEARCH EXPERIENCE

Tsinghua University

Senior Thesis advised by Prof. Guiguang Ding

Beijing, China

Feb 2018 - Jun 2018

- Developed a multi-person tracking system based on MOT Dataset. Enhanced the performance of tracking system based on an online-tracking method.

UC Berkeley PATH Research Lab

Advised by Prof. Ching-yao Chan

Berkeley, CA

Jun 2017 - Sep 2017

- Accomplished research in Berkeley DeepDrive Program which is led by Prof. Trevor Darrell.
- Implemented a multi-object tracking system that can analyze video data shot from the roof of a building, extract the trajectories of cars that have passed through the scene on road, and convert the trajectories into real world coordinates.

WORK EXPERIENCE

LucidCam Co. Internship

Developer Intern

Silicon Valley, CA

Jul. 2016 - Aug 2016

- Surveyed/investigated VR development trend and wrote a report about its current situation and future development.
- Employed edge detection techniques to modify the contrast ratio and the density of pixels in order to beautify the scene, and abstract object to change its background.

TECHNICAL STRENGTHS

Programming	Python, C++, C, MATLAB, Go, Javascript,
Databases	SQL
Environment	Mac OS, Linux, Windows