

Zhengyu Chen

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EDUCATION

TSINGHUA UNIVERSITY

Beijing, China

09.2014–07.2018

School of software

- Major in software engineering, Major GPA: **91** / 100
- Programming skill: C, C++, Javascript, Python, Matlab
- 2015 “Qianheng Huang” Scholarship, honored for Top 10 in School of Software.
- 2016 “Guang Hua” Scholarship, honored for Top 10 in School of Software.

UNIVERSITY OF TEXAS AT AUSTIN

Austin, USA

01.2017–06.2017

- Exchange Student Programme.

INTERNSHIP & RESEARCH EXPERIENCE

UT Austin Graphic&AI Group advised by prof Qixing Huang

02.2017-Present

- Employed 2D/3D models Skull to retrieve and classification which aim to find the most similar ‘health’ skull to a given ‘deformed’ skull
- Investigated deep learning and ‘triplet loss’ idea and planned to design a similarity training model to train the labeled dataset to optimize matching accuracy.
- Plan to accomplish a 2D image to 3D model matching through deep learning approach.

Lucidcam Co. Internship

7.2016-08.2016

- Visited Lucidcam Co., Silicon Valley, CA;
- Surveyed/investigated VR development trend and found it a very potential area.
- 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.

Wuhan FengHuo ZhongZhi Co.

08.2015

- Learned popular image processing techniques, including Optical character recognition and pattern recognition
- Programed a part of the pattern recognition algorithm in order to recognize the plate number.

LEADERSHIP

Student Union of School of Software, PKU

President of department of study

09.2015– 09.2016

- Organize and manage the department
- Help students improve their study and hold activities relevant to study

Tsinghua University Science and technology Association *vice president of forum department*

09.2015-present

- Organized the activities and forums which held by the department
- Invite famous scholars, scientist and entrepreneurs to speak for the forum.

SOME CORE COURSES AND SCORES

Linear algebra	97
Probability and Statistics	98
Complex Analysis	100
Web Front-end Technology	96
Python programming	94
Data Structure and Algorithm	90

HONORS & AWARDS

- 2015 “Qianheng Huang” Scholarship, honored for Top 10 in School of Software.
- 2016 “Guang Hua” Scholarship, honored for Top 10 in School of Software.
- 2nd Prize in 2014 National High School Physics Competition
- 2nd Prize in 2014 National High School Mathematics Competition
- 2nd Prize in 2013 National High School Mathematics Competition
- 1st place in Tsinghua University independent recruitment, Hubei Province