

# Xiao Zhang

Curriculum Vitae

## PERSONAL DETAILS

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## EDUCATION EXPERIENCE

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BSc. in Engineering 2013.09 - 2017.07  
*National Demonstrative School of Computer Software, Tianjin University*  
Majored in Software Engineering at School of Computer Software and minored in Financial Management at College of Management and Economics. During this period, served as Executive Chairman of student Union of School and Full-Stack Developer in Information & Network Association of Tianjin University

## WORK EXPERIENCE

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Computer Vision Researcher 2017.07 - Present  
*Research Center, SenseTime Group Limited*  
Research face recognition with deep learning and large scale data training. Focusing the decision boundary of loss function and Parameters optimization. Also work to improve generalize performance via unlabeled images data.  
*Supervisor: Dr. Junjie Yan*

## RESEARCH EXPERIENCE

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Visiting Student/Research Assistant 2016.07 - Present  
*Shenzhen Institutes of Advanced Technology, Chinese Academy of Sciences*  
Research deep learning and its application on computer vision, especially CNN structure and face recognition and validation.  
*Supervisor: Prof. Yu Qiao*

Undergraduate Research Assistant 2016.01 - 2016.07  
*Visual Computing Lab, Tianjin University*  
Research visual language and information visualization of topic clustering and social relationship. Also research CNN and its application in computer graphics.  
*Supervisor: Prof. Liang Wan*

## PUBLICATION

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1. Xiao Zhang, Zhiyuan Fang, Yandong Wen, Zhifeng Li, Yu Qiao. "Range Loss for Deep Face Recognition with Long-Tailed Training Data." *The 15th IEEE International Conference on Computer Vision (ICCV'17)*, pp. 5409-5418, Venice, Italy, 2017.

## AWARDS

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<i>2016.06</i>	<b>First Prize in Innovative Funding:</b> Navigation App of Tianjin University ( <b>Rank 1</b> )
<i>2016.06</i>	<b>Third Prize in Innovative Funding:</b> <i>Where Is The Cat?</i> A cross-platform Sports Game ( <b>Rank 5</b> )
<i>2016.01</i>	<b>Scholarship of Tianjin University</b>

## PROJECTS

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<i>2016.06</i>	<b>Navigation App of Tianjin University</b> (Funded): A cross-platform navigation app. Responsible for algorithm design and Android Version App.
<i>2016.05</i>	<b>Smart Home based on Azure</b> (Funded): A smart home system using Arduino and Azure.
<i>2015.12</i>	<b>Business Website of A Investment Company:</b> A business website with standard software engineering. Responsible for back end service.
<i>2015.09</i>	<b>Indoor Smart car based on deep video</b> (Funded): Using Xilinx car and RealScene Deep Camera to find things indoor. Responsible for device interfaces.

## SKILLS

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<i>Professional</i>	C++, Python, Java, C#, MATLAB, JavaScript, L <sup>A</sup> T <sub>E</sub> X Caffe, MVC, Linux, OpenCV, WebGL
<i>Hobbies</i>	Piano, Photography, Writing, Table Tennis, Football