

Tianyu Sun

CONTACT INFORMATION	Computer Science <i>University of Science and Technology Beijing</i> <i>Beijing, 100083, China</i>	Mobile: (+86) 18810580160 E-mail: tianysun@gmail.com Github: https://github.com/tianyu-sun
RESEARCH INTERESTS	Preson ReID, Gait Recognition[1], Visual Question Answering, Reinforcement Learning.	
EDUCATION	National Taiwan University of Science and Technology , Taipei, Taiwan • Exchange student, Computer Science Feb 2017 – June 2017 GPA:4.12/4.3(overall); 4.18/4.3(major courses) University of Science and Technology Beijing , Beijing, China • Bachelor, Computer Science Sept 2015 – Present GPA:3.56/4.0(overall); 3.69/4.0(major courses)	
RESEARCH EXPERIENCE	National Laboratory of Pattern Recognition (NLPR) Institute of Automation, Chinese Academy of Sciences (CASIA) , Beijing, China <i>Research Intern, supervised by Prof. Liang Wang</i> June 2017 – Present Studying person re-identification and gait recognition[1], proposed a method of increasing the performance of gait recognition by heightening the frame rate with Wasserstein generative adversarial networks. National Taiwan University of Science and Technology , Taipei, Taiwan <i>Undergrad Researcher in Machine Learning and Bioinformatics Laboratory,</i> <i>supervised by Prof. Hsing-Kuo Kenneth Pao</i> Feb 2017 – June 2017 Studied active learning, applied Gaussian process and generative adversarial networks for time series prediction. University of Science and Technology Beijing , Beijing, China <i>Undergrad Researcher, supervised by Prof. Rui Wang</i> Nov 2016 – Feb 2017 Studied the mechanisms for participatory sensing, applied game theory into crowdsourcing tasks.	
UNDER REVIEW	[1] T. Sun , C. Song, Y. Huang, and L. Wang, “Heightening Frame Rate: A WGAN Based Approach for Gait Recognition” submitted to IEEE ICPR, 2018.	
PROJECTS	Tuning Tree Models with Gird Search Analyse a dataset with gradient boosting tree model and XGBoost model and tune the model with gird search. Big Data Feature Selection with sk-learn Rank the features of a dataset with cross-validation.	
OTHER EXPERIENCE	ACM-ICPC team@USTB <i>member</i>	Dec 2015 – June 2017