Guanghao Chen

3869 Miramar Street, La Jolla, CA	(858) 666-5734	http://cseweb.ucsd.edu/~guc001/	guanghaosteven@gmail.com
Education	(000) 000 0701	http://eseweb.acsa.cuu/_guebbi/	guangnaosteven@ginan.com
University of California, San Die	go		2018-2020
M.S. in Computer Science and Engi	ineering, GPA: 3.5156,	/4.0	
Northeastern University, Sheny	ang, China		2014-2018
B.E. in Computer Science and Tech	nology, GPA: 4.1412/	5.0 (Rank: 3/256)	
Experience			
DeepMap Inc. – Incoming Intern	l		Jun.2019-Sep.2019
 Planning to implement algori 	thms using point clou	d and image data	
 Planning to design algorithms 	s for 3D object classifi	cation	
Planning to implement efficie			
Neusoft Corporation (China) - Ir			Jul. 2017-Sep. 2017
		ntrast and Difference of Gaussians	
• Achieved the classifier by me			
· · ·	stem based on dataset	t (20 categories) and obtained 96.0% a	iccuracy
Research Face Aging based on conditiona	l gonorativo advorca	rial natwork (Course Project)	Feb.2019-Present
Advised by Prof. Garrison W. Cottre	•		reb.2019-riesent
• •		auto encoder loss function to complet	e face aging task
-	-	ould complete the task with aged faces	e luce uging tusk
Prediction and Visualization wit			Oct.2018-Jan.2019
Advised by Prof. Garrison W. Cottre			,
		network and used the model to predict	40 face related attributes
		t the significant region in a face with h	
Intelligent Pedestrian Detection	Based on Deep Lear	rning	Mar.2018-Jun.2018
• Established a detector using l	Faster R-CNN framew	vork based on Tensorflow	
• Designed a HOG+SVM detect	tor as a supplemental	method	
Combined both results and co	ompared the Ap value	between Fusion detector and Faster	R-CNN
Person re-identification based o	on multi-features fus	ion	Feb. 2017- Oct.2017
• Determined End to End frame	ework to merge the pe	edestrian detection and recognition pro	ocess
 Extracted image feature with 	Convolutional Neura	al Network (CNN) and fused with trad	litional feature
-	ires for Person Re-Ide	ntification on Large-Scale Datasets" IC	IAP 2018
Publications			
• Chen, G. , Wu, J., Jia, C., & Zhar	ng, Y. (2017, Published	l). A pipeline for reconstructing cross-	shredded English documen
2017 2nd International Confer	ence on Image, Vision o	and Computing (ICIVC). IEEE.	
• Chen, G., Wu, J., Xu, L., & War	ng, N. (2017, Publishe	d). Comprehensive modeling and plan	ning of urban smart growt
2017 International Conference	on Applied Mathemat	ics, Modeling and Statistics Application	(AMMSA).
• Liu, Y., Zhang, Y., Chi, J., Zhe	ng, R., Sun, L., Chen,	G., Zhou, F. (2018, Published). Bag o	of Local Features for Perso
Re-Identification on Large-Sca	ale Datasets. 2018 Inte	rnational Conference on Image Analysis	s and Processing (ICIAP) .
Technical Skill			
Proficient Programming Langua	ages C++, Python, Mat	tlab	
Frameworks		n, Tensorflow, Flask, Qt	
Database			

CSE255(Data Mining & Analytics), CSE256(Statistical Natural Language Processing)