TENNESSEE KNOXVILLE	AICIP RESEARCH
ECE 599/692 – Deep Learning	
Lecture 12 – GAN – Design Ideas	
Hairong Qi, Gonzalez Family Professor Electrical Engineering and Computer Science University of Tennessee, Knoxville <u>http://www.eecs.utk.edu/faculty/oi</u> Email: hqi@utk.edu	



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Case Study 1: Conditional A Autoencoder for Age Progression/Regression	dversarial

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Zhifei Zhang, Yang Song, and Hairong Qi, "Decoupled learning for conditional adversarial networks," WACV, 2018



















Case Study 3: Cross-domain Face Composite and Synthesis from Limited

Facial Patches

Yang Song, Zhifei Zhang, Hairong Qi, "Cross domain face composition and synthesis from limited facial parts," *AAAI Conference on Artificial Intelligence* (*AAAI*), New Orleans, LA, February 2018.





































Acknowledgement	AICIP RESEARCH	
Most slides are taken from student presentations a group meetings, including mainly those from Zhife Yang Song and Chengcheng Li.	at AICIP i Zhang,	
TENNESSEE	25	