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ACADEMIC HISTORY	ShanghaiTech University • M.S. in Computer Science and Engineering • Advisor: Prof. Jingyi Yu	Fall 2019 - Spring 2022 (expected)
	Shandong University • B.S. in Automatic Control • Advisor: Prof. Guoliang Liu	Fall 2015 - Spring 2019
PUBLICATIONS	<ol style="list-style-type: none"> Quan Meng, Anpei Chen, Haimin Luo, Minye Wu, Hao Su, Lan Xu, Xuming He, and Jingyi Yu GNeRF: GAN-Based Neural Radiance Field without Posed Camera <i>Proceedings of the IEEE/CVF International Conference on Computer Vision (ICCV), 2021</i> Oral Presentation: 3.4% We introduce GNeRF, a method that can estimate neural radiance fields and camera poses jointly when the cameras are initialized at random poses in complex scenarios (outside-in scenes, even with less texture or intense noise). We achieve this by marrying Generative Adversarial Networks (GAN) with Neural Radiance Field. Quan Meng, Jiakai Zhang, Qiang Hu, Xuming He, and Jingyi Yu LGNN: A Context-Aware Line Segment Detector <i>Proceedings of the 28th ACM International Conference on Multimedia (ACM MM), 2020</i> Poster: 27.9% Existing approaches require a computationally expensive verification or postprocessing step. Our LGNN employs a deep convolutional neural network (DCNN) for proposing line segments directly, with a graph neural network (GNN) module for reasoning their connectivities. LGNN achieves comparable performance and enables time-sensitive 3D applications. 	
HONORS AND AWARDS	• First prize in World Robot Contest Fighting Robot Competition. 2017 • First prize in National Undergraduate Electronics Design Contest (Shandong, China) 2017 • First prize in National Undergraduate Electronics Design Contest (Shandong, China) 2018 • Second prize in The 4th Shandong College Students' Science and Innovation Contest 2018 • National Scholarship Award, ShanghaiTech University 2021	
TEACHING EXPERIENCE	• <i>CS280 Deep Learning</i> in ShanghaiTech University: Teaching Assistant Fall 2020	
TECHNICAL SKILLS	• Programming: Linux, Assembly Language (ARM), C/C++, Python, Java, Pytorch, Opencv, Latex, Matlab, Qt. • Hardwares: Circuit Design, ARM, STM32, STC, PCB. • Softwares: Blender, Keil, Illustrator	
REFERENCES	• Prof. Jingyi Yu , ShanghaiTech University, yujingyi@shanghaitech.edu.cn • Prof. Hao Su , UC San Diego, haosu@eng.ucsd.edu • Prof. Xuming He , ShanghaiTech University, hexm@shanghaitech.edu.cn • Prof. Lan Xu , ShanghaiTech University, xulan1@shanghaitech.edu.cn	