

Xingyi(Adam) Yang

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University of California, San Diego

RESEARCH INTERESTS

Computer Vision / Machine Learning

EDUCATION

University of California, San Diego	09/2019-06/2021
<ul style="list-style-type: none">M.Sc. Signal and Image Processing, ECE	
Southeast University	GPA 3.71/4 88.1/100 09/2015-06/2019
<ul style="list-style-type: none">Bachelor of The School of Computer Science and EngineeringFirst prize Scholarship (awarded to top 10%, 11/143, class ranking 1/44)	

PUBLICATIONS

- [1] **Information Redundancy Minimization for Adversarial Defense**
Xingyi Yang*, Xiao Xu*, Yijun Chen*, Yining Hu, Lizhe Xie and Zheng Wang.
The International Joint Conference on Artificial Intelligence, Artificial Intelligence & Business Security (IJCAIW)
Macua, China, 2019
* *Equally contributed*

RESEARCH PROJECTS

The Southeast University Image Processing Lab	
3D Face Reconstruction from Skull Physical Attributes Supervisor: Prof. Yining Hu	10/2018-06/2019
<ul style="list-style-type: none">Utilize CT data for 3D face reconstruction using WGAN-GP	
Single Shot Quadrilateral Detector in Aerial Images Supervisor: Prof. Yining Hu	05/2018-07/2018
<ul style="list-style-type: none">Propose a one-stage framework for arbitrary-oriented object detection	
The University of Ottawa VIVA Lab	Research Assistant
Scale-Aware Yolov3 Supervisor: Prof. Robert Laganière	Since 08/2018
<ul style="list-style-type: none">Design a 2-branch Yolov3 to solve the problem of the perspective phenomenon	
Deep Face Detection Supervisor: Prof. Robert Laganière	07/2018-09/2018
<ul style="list-style-type: none">Comparative Study of CNN based detector: SSD, LSTM-decoder and Yolov3Implement Yolov3 on Mobilenet, Incption-Resnetv2 and Incptionv3	
The Southeast University AI and Optimization Lab	
Self-Service Retail Store Object Detection Supervisor: Prof. Weiwei Wu	Since 01/2018
<ul style="list-style-type: none">Identify quantity and type of commodities bought by consumers using object detectionEnsemble method for object detection with Yolov2 v3 and Faster R-CNN	
Object Detection and Tracking System on Uav Supervisor: Prof. Weiwei Wu	Since 11/2017
<ul style="list-style-type: none">Set up a real-time object detection and tracking system on DJI phantom 4 advanced	

AWARDS AND CERTIFICATES

- IJACI-19 Alibaba Adversarial AI Challenge ranked 12/2519
- 2018 MCM/ICM Meritorious Winner Prize
- China College Students' Entrepreneurship Competition National Silver Award

PROFRSSSIONAL EXPERIENCE

Kneron, Inc.	Deep Learning Internship
ArcSoft Technology Co., Ltd. (Nanjing)	Deep Learning Internship
Chongqing Yiwoke Science & Technology Development Co., Ltd.	Java Internship
Southeast University	Vice President of Students Union