Xingyi Yang

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EDUCATION BACKGROUND

University of California, San Diego(UCSD)   **La Jolla, USA**
Msc. SIP, Electrical and Computer Engineering, Jacobs School of Engineering   *Sept. 2019- Present*

Southeast University   **Nanjing, China**
B.Eng. Computer Engineering   *Sept. 2015-Jun. 2019*
GPA: 3.71/4, 88.1/100

University of Ottawa   **Ottawa, Canada**
Visiting Student, Electrical and Computer Engineering   *Jun. 2018-Sept. 2018*

RESEARCH EXPERIENCE

School of Electrical and Computer Engineering, UC San Diego   **Supervisor: Prof. Pengtao Xie**
Research Intern   *Oct. 2019-Present*

- Consistency preserving multi-view X-rays generation from radiography reports.

VIVA Lab, University of Ottawa   **Supervisor: Prof. Robert Laganière**
Research Assistant   *Jun. 2018-Sept. 2018*

- Design scale-aware YOLOv3 model to solve the scale variation for pedestrian detection.
- Implement MobileNet-YOLOv3 and conduct comparative study of CNN based detector: SSD, LSTM-decoder and YOlOv3 on face detection.

Image Processing Lab, Southeast University   **Supervisor: Prof. Yining Hu**
Research Assistant   *May. 2018-Jun. 2019*

- 3D face reconstruction from CT slices using WGAN-GP
- One-stage remote sensing arbitrary-oriented object detection.

PUBLICATIONS

- Xiao Xu, **Xingyi Yang**, Yijun Chen, Yining Hu, Lizhe Xie and Zheng Wang. "Information Redundancy Minimization for Adversarial", 2019 in **Macao**, The International Joint Conference on Artificial Intelligence, Artificial Intelligence Business Security Workshop(IJCAIW).

PROFRSSIONAL EXPERIENCE

Kneron, Inc   **La Jolla, USA**
Deep Learning Intern   *Oct. 2019- Jan. 2020*

- Post-training 8-bit quantization of neural network.

ArcSoft Technology Co., Ltd.   **Nanjing, China**
Deep Learning Intern   *Mar. 2019- May.2019*

- Single-image super-resolution based on semantic segmentation prior.

Chongqing Yiwoke Science Technology Development Co., Ltd.   **Chongqing, China**

Java development intern   *Jul. 2017- Sept. 2017*
- Back-end development of Tianpeng bidding platform.

AWARDS AND CERTIFICATES

- 12th/2519 place(Defence) on IJACI-19 Alibaba Adversarial Vision Challenge
- 3nd place on Alibaba AI Security Program
- 2018 MCM/ICM Meritorious Winner Prize
- China College Students' Entrepreneurship Competition National Silver Award