XUETING LI

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`sunshineatnoon.github.io`

EDUCATION

University of California, Merced *Sep 2017 - now*

Ph.D. student, Electrical Engineering and Computer Science

Advisor: Ming-Hsuan Yang

Tsinghua University *Sep 2013 - June 2016*

M.S. in Software Engineering

GPA: 3.92/4.00

Ranking: top 5%

Advisor: Ming Gu

Beijing University of Posts and Telecommunications *Sep 2009 - July 2013*

B.S. in Computer Science

Overall GPA[1]: 3.46/4.00 (84.5/100.0)

Ranking: top 10%

Advisor: Xiaoru Wang

TECHNICAL SKILLS

Programming Language & Software Tools

- **Python**: Three-year experience with python programming, familiar with deep learning frameworks such as Pytorch
- **Lua**: Familiar with Torch and used it in computer vision projects

RESEARCH EXPERIENCE

Vision and Learning Lab, UC Merced *Sep 2017 - Present*

Research Assistant with Prof. Ming-Hsuan Yang *CA, USA*

- Photo-realistic Style Transfer (In submission 2017)

Multimedia Laboratory, Chinese University of Hong Kong *August 2016 - Present*

Research Assistant with Prof. Chen Change (Cavan) Loy and Prof. Dahua Lin *HongKong, China*

- Generate realistic images with deep MRF guided by detailed structural designs.
- Hallucinative Recognition (In submission 2017)

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[1]Both GPAs are caculated by WES iGPA Calculator

Intel, Inc   *July 2015 - June 2016*

Deep Learning Intern with Dr. Zhihong Yu   *Beijing, China*

- Modified the original fast RCNN and faster RCNN code so that they can be trained on the ImageNet dataset
- Built a recommendation system prototype based on deep learning algorithms.
    - The prototype composes of an advertisement dataset with product images from eBay and Amazon, a website frontend implemented in Django and a deep learning computing cluster running object detection and recommendation algorithms implemented in python and Caffe
    - The deep learning computing cluster detects objects such as backpacks, cars and laptops in the image uploaded by a user
    - The system will also compute and rank the commodities in our advertisement dataset based on deep feature distance against the detected objects and recommend most similar ones to the user

Tsinghua University, Lab   *Sep 2013 - July 2016*

Graduate Student   *Beijing, China*

- Designed and built a video advertisements recommendation system which
    - uses detection algorithm such as YOLO or Fast RCNN to detect commodities in videos
    - recommends similar commodities to audiences based on the detection results
    - builds a demo website and show recommendations in real time

AWARDS & HONORS

Scholarships

Graduate Award by UC Merced   *2017-2018*

The First Prize Scholarship of Tsinghua University   *2014*

The Second Prize Scholarship of Beijing University of Posts and Telecommunications   *2010,2011,2012*

Competitions

Third Place in Programming Competition of BUPT   *2011,2012*

Third Place in National English Contest for College Students   *2012*

ENGLISH LEVEL

TOFEL: 107 (Reading:28; Listening:30; Speaking:23; Writing:26)   *September 2015*