Yue Wu

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Education	**Northeastern University**	Boston, MA, USA
	Ph.D in Computer Engineering	01/2016 - 08/2019
	Advisor: Professor Yun Raymond Fu	
	Beijing University of Posts and Telecommunications	Beijing, China
	Master in Information and Communication Engineering	08/2013 - 01/2016
	Advisor: Professor Yuan Dong	
	Beijing University of Posts and Telecommunications	Beijing, China
	Bachelor in Electronic Information Engineering	09/2009 - 06/2013

Experience   **Shiseido Americas Corporation**   Cambridge, MA, USA

Senior Computer Vision Engineer   08/2019 - Present

- Fast and Accurate Facial Landmark Detection for Shiseido Virtual Add-on

Microsoft Corporation   Bellevue, WA, USA

Research Intern   05/2018 - 08/2018

- Representation Learning for Object Detection with Multiple Supervisions

Microsoft Corporation   Redmond, WA, USA

Research Intern   05/2017 - 08/2017

- Large Scale Incremental Learning with Object and Face Classification

Northeastern University   Boston, MA, USA

Research Assistant   01/2016 - 08/2019

- Face Recognition by Deep Learning, multi-modality representation learning, incremental learning, large scale classification
- MS-Celeb-1M Low Shot Learning Challenge 2017, First Place Award
- MSR Image Recognition Challenge 2016, First Place Award
- ILSVRC 2016 Challenge on Object Classification

Beijing Faceall co., LTD   Beijing, China

Research Intern   01/2015 - 12/2015

- ILSVRC 2015 Challenge on Object Classification, Detection
- Prototype Backend Framework for Face Recognition Web Demo

France Telecom-Orange Labs Beijing   Beijing, China

Research Intern   01/2013 - 12/2014

- Facial Landmark Detection with Cascade Convolution Neural Network
- Face Recognition with Handcraft Features and Support Vector Machine

Publications   Conferences

1. **Yue Wu**, Yinpeng Chen, Lijuan Wang, Yuancheng Ye, Zicheng Liu, Yandong Guo, Yun Fu, Large Scale Incremental Learning. CVPR 2019
2. **Yue Wu**, Zhengming Ding, Hongfu Liu, Joseph Robinson, Yun Fu, Kinship classification through latent adaptive subspace. FG 2018

3. **Yue Wu** Hongfu Liu, Yun Fu, Low-shot Face Recognition with Hybrid Classifiers. ICCVW 2017

4. **Yue Wu**, Hongfu Liu, Jun Li and Yun Fu, Deep Face Recognition with Center Invariant Loss, ACM MM Thematic Workshop 2017

5. **Yue Wu**, Jun Li, Yu Kong, and Yun Fu, Deep Convolutional Neural Network with Independent Softmax for Large Scale Face Recognition, ACM Multimedia (MM), 2016

6. Joseph Robinson, Ming Shao, **Yue Wu**, and Yun Fu, Families in the Wild (FIW): Large-Scale Kinship Image Database and Benchmarks, ACM Multimedia (MM), 2016

7. Hayi Mao, **Yue Wu**, Jun Li, and Yun Fu, Super Resolution of the Partial Pixelated Images with Deep Convolutional Neural Network, ACM Multimedia (MM), 2016

8. Shuhui Jiang, **Yue Wu**, and Yun Fu, What Shall I Buy Next: Accessories Recommendation via Deep Bi-directional Cross-triplet Embedding, ACM Multimedia (MM), 2016

9. **Yue Wu**, Yuan Dong, Peng Li, Kun Tao. Spatio-temporal constraint for fast face tracking in movies. IEEE International Conference on Network Infrastructure and Digital Content (IC-NIDC), 2014

Journals
1. Hongfu Liu, Jun Li, **Yue Wu**, Yun Fu. Clustering with Outlier Removal. TKDE 2019

2. Shuhui Jiang, **Yue Wu**, Yun Fu Deep Bidirectional Cross-Triplet Embedding for Online Clothing Shopping, TOMM, 2018

3. Joseph Robinson, Ming Shao, **Yue Wu**, Hongfu Liu, Timothy Gillis, Yun Fu. Visual Kinship Recognition of Families in the Wild. TPAMI 2018

4. **Yue Wu**, Hongfu Liu, Jun Li, Yun Fu, Improving face representation learning with center invariant loss. IVC 2018

5. Yuan Dong, **Yue Wu**. Adaptive Cascade Deep Convolutional Neural Networks for face alignment. Computer Standards & Interfaces, 2015

Preprint
1. **Yue Wu**, Yinpeng Chen, Lu Yuan, Zicheng Liu, Lijuan Wang, Hongzhi Li, Yun Fu. Rethinking Classification and Localization in R-CNN, arXiv 2019

2. Kai Chen, Jiaqi Wang, Jiangmiao Pang, Yuhang Cao, Yu Xiong, Xiaoxiao Li, Shuyang Sun, Wansen Feng, Ziwei Liu, Jiarui Xu, Zheng Zhang, Dazhi Cheng, Chenchen Zhu, Tianheng Cheng, Qijie Zhao, Buyu Li, Xin Lu, Rui Zhu, **Yue Wu**, Jifeng Dai, Jingdong Wang, Jianping Shi, Wanli Ouyang, Chen Change Loy, Dahua Lin. MMDetection: Open MMLab Detection Toolbox and Benchmark, arXiv 2019

3. Songyao Jiang, Hongfu Liu, **Yue Wu**, Yun Fu, Spatially constrained generative adversarial networks for conditional image generation, arXiv 2019

4. **Yue Wu**, Yinpeng Chen, Lijuan Wang, Yuancheng Ye, Zicheng Liu, Yandong Guo, Zhengyou Zhang, Yun Fu. Incremental classifier learning with generative adversarial networks, arXiv 2018

5. Jun Li, Hongfu Liu, Bineng Zhong, **Yue Wu**, Yun Fu. Predictive Local Smoothness for Stochastic Gradient Methods, arXiv 2018

6. Jun Li, Hongfu Liu, **Yue Wu**, Yun Fu. Convergence Analysis and Design of Multi-block ADMM via Switched Control Theory, arXiv, 2018

Honors	ACM TOMM Nicolas D. Georganas Best Paper Award 2019
Awards	ICCV 2017, MS-Celeb-1M Low Shot Learning Challenge, First Place Award
	ACM MM 2016, MSR Image Recognition Challenge, First Place Award
Academic	Journal Reviewer: TNNLS, TIP, TMM, KAIS, JEI
Activities	Conference Reviewer: AAAI2019, MIPR2019, MIPR2018