

Xin Wang

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Education

University of California, Berkeley

Ph.D., Computer Science, 2015 - present.

Advisor: Joseph E. Gonzalez, Trevor Darrell

Fields: Learning Systems, Computer Vision, Deep Learning

Shanghai Jiao Tong University

B.A., Computer Science, 2011 - 2015.

Preprints

X. Wang, F. Yu, R. Wang, T. Darrell, J. Gonzalez

“TAFE-Net: Task-Aware Feature Embeddings for Efficient Learning and Inference”

S. Jain, **X. Wang**, J. Gonzalez

“Accel: A Corrective Fusion Network for Efficient Semantic Segmentation on Video”

Publications

X. Wang, F. Yu, Z. Dou, T. Darrell, J. Gonzalez.

“SkipNet: Learning Dynamic Routing in Convolutional Networks”.

European Conference on Computer Vision (ECCV) 2018

X. Wang, Y. Luo, D. Crankshaw, A. Tumanov, F. Yu, J. Gonzalez

“IDK Cascades: Fast Deep Learning by Learning not to Overthink”

Conference on Uncertainty in Artificial Intelligence (UAI) 2018

D. Crankshaw, **X. Wang**, G. Zhou, M. Franklin, J. Gonzalez, I. Stoica

“Clipper: A Low-Latency Online Prediction Serving System”

USENIX Symposium on Networked Systems Design and Implementation (NSDI) 2017

D. Crankshaw, **X. Wang**, J. Gonzalez, M. Franklin

“Scalable Training and Serving of Personalized Models”

LearningSys 2015

Experiences

Real-time Intelligent Secure Execution Lab (RISE Lab), UC Berkeley

Graduate Student Researcher Fall 2015 - present

Advisor: Joseph E. Gonzalez

Work on dynamic neural network design for efficient learning and inference

Work on low latency model serving systems

Berkeley AI Research (BAIR) and Berkeley DeepDrive (BDD)

Graduate Student Researcher Fall 2017 - present

Advisor: Trevor Darrell, Joseph E. Gonzalez

Work on large scale data annotation pipeline with human in-the-loop

Work on a versatile data annotation tool

Applied Machine Learning, Uber Inc.

Summer Intern Summer 2016

Mentor: Li Erran Li

Built an auto-reply system for customer tickets with machine learning techniques

Shanghai Jiao Tong University

Undergraduate Student Researcher Spring 2014 - Spring 2015

Advisor: Xiaotie Deng and Bo Yuan

Worked on statistical machine learning and algorithmic game theory

Teaching

DS100: Principles and Techniques of Data Science

Graduate Student Instructor Fall 2017

Services

Reviewer

ICML 2018, NIPS 2018, LearningSys 2017, WiML 2017

Awards and
Fellowships

EECS Department Fellowship, UC Berkeley 2015-2016

National Scholarship, *highest scholarship in China* 2012-2013

National Endeavor Scholarship, China, 2013-2014

Languages
and Skills

English (advanced), Mandarin (native)

Python, Java, C++, Matlab, PyTorch, TensorFlow