

Bicheng Xu

✉ bichengx@cs.ubc.ca

🌐 www.bicheng-xu.com

EDUCATION

University of British Columbia (UBC)

Doctor of Philosophy (Ph.D.) in Computer Science

- Supervisor: Prof. Leonid Sigal

Vancouver, Canada

Present

University of British Columbia (UBC)

Master of Science in Computer Science

- Supervisor: Prof. Leonid Sigal
- Grade: 95/100

Vancouver, Canada

2020

Simon Fraser University (SFU)

Bachelor of Science in Applied Sciences (with Distinction)

- Major: Computing Science (Dual Degree Program with ZJU)
- Minor: Mathematics
- GPA: 3.97/4.33

Burnaby, Canada

2017

Zhejiang University (ZJU)

Bachelor of Engineering

- Major: Computer Science and Technology (Dual Degree Program with SFU)
- GPA: 3.73/4.00

Hangzhou, China

2017

PUBLICATIONS

Self-Supervised Relation Alignment for Scene Graph Generation

- B. Xu, R. Liao, L. Sigal
- *IEEE/CVF Winter Conference on Applications of Computer Vision (WACV)*, 2024

Consistent Multiple Sequence Decoding

- B. Xu, L. Sigal
- *arXiv preprint arXiv:2004.00760*, 2020

Watch, Listen and Tell: Multi-Modal Weakly Supervised Dense Event Captioning

- T. Rahman, B. Xu, L. Sigal
- *IEEE/CVF International Conference on Computer Vision (ICCV)*, 2019

Time Perception Machine: Temporal Point Processes for the When, Where and What of Activity Prediction

- Y. Zhong, B. Xu, G.-T. Zhou, L. Bornn, G. Mori
- *arXiv preprint arXiv:1808.04063*, 2018

WiLocator: WiFi-Sensing Based Real-Time Bus Tracking and Arrival Time Prediction in Urban Environments

- W. Liu, J. Liu, H. Jiang, B. Xu, H. Lin, G. Jiang, and J. Xing
- *IEEE International Conference on Distributed Computing Systems (ICDCS)*, 2016

SKILLS

- Machine Learning Frameworks: PyTorch, TensorFlow, Theano, Caffe
- Programming Languages: Python, C, C++, MATLAB, Java, JavaScript, PHP, Swift, SQL