Bicheng Xu

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EDUCATION

University of British Columbia (UBC)   **Vancouver, Canada**
Doctor of Philosophy (Ph.D.) in Computer Science   *Present*
○ Supervisor: Prof. Leonid Sigal

University of British Columbia (UBC)   **Vancouver, Canada**
Master of Science in Computer Science   *2020*
○ Supervisor: Prof. Leonid Sigal
○ Grade: 95/100

Simon Fraser University (SFU)   **Burnaby, Canada**
Bachelor of Science in Applied Sciences (with Distinction)   *2017*
○ Major: Computing Science (Dual Degree Program with ZJU)
○ Minor: Mathematics
○ GPA: 3.97/4.33

Zhejiang University (ZJU)   **Hangzhou, China**
Bachelor of Engineering   *2017*
○ Major: Computer Science and Technology (Dual Degree Program with SFU)
○ GPA: 3.73/4.00

PUBLICATIONS

Self-Supervised Relation Alignment for Scene Graph Generation
○ **B. Xu**, R. Liao, L. Sigal
○ *arXiv preprint arXiv:2302.01403*, 2023

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