Bicheng Xu

✉ bichengx@cs.ubc.ca 🌐 www.bicheng-xu.com

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

Joint Generative Modeling of Scene Graphs and Images via Diffusion Models
- **B. Xu***, Q. Yan*, R. Liao, L. Wang, L. Sigal
- *arXiv preprint arXiv:2401.01130*, 2024

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