Shih-Han Chou | CV

shchou75@cs.ubc.ca

Education

University of British Columbia — **Vancouver, Canada**
Computer Science, PhD student — *09/2019–current*
Advisor: Prof. Leonid Sigal

University of California, Merced — **California, USA**
Electrical Engineering and Computer Science, Visiting Scholar — *08/2018–01/2019*
Advisor: Prof. Ming-Hsuan Yang

National Tsing Hua University — **Hsinchu, Taiwan**
Electrical Engineering, Research Assistant — *06/2017–01/2019*
Advisor: Prof. Min Sun

Electrical Engineering, M.S. — *09/2014–06/2017*

RWTH AACHEN University — **Aachen, Germany**
Electrical Engineering, Exchange student — *10/2016–03/2017*

National Sun Yat-Sen University — **Kaohsiung, Taiwan**
Mechanical and Electromechanical Engineering, B.S. — *09/2011–06/2014*

Publications

- **Shih-Han Chou**, Zicong Fan, Jim Little, Leonid Sigal, *"Semi-supervised Grounding Alignment for Multimodal Feature Learning"., CRV22'.*

- Tanzila Rahman, **Shih-Han Chou**, Leonid Sigal, Giuseppe Carenini, *"An Improved Attention for Visual Question Answering "., MULA21' workshop (in conjunction with CVPR21').*

- **Shih-Han Chou**, Wei-Lun Chao, Wei-Sheng Lai, Min Sun, Ming-Hsuan Yang, *"Visual Question Answering on 360° Images"., WACV20'.*

- **Shih-Han Chou**, Cheng Sun, Wen-Yen Chang, Wan-Ting Hsu, Min Sun, Jainlong Fu, *"360-Indoor: Towards Learning Real-World Objects in 360° Indoor Equirectangular Images"., WACV20'.*

- **Shih-Han Chou**, Yi-Chun Chen, Kuo-Hao Zeng, Hou-Ning Hu, Jainlong Fu, Min Sun, *"Self-view Grounding Given a Narrated 360° Video"., AAAI18'.*

- Kuo-Hao Zeng, **Shih-Han Chou**, Fu-Hsiang Chan, Juan Carlos Niebles, Min Sun, *"Agent-Centric Risk Assessment: Accident Anticipation and Risky Region Localization"., CVPR17'*, **spotlight**.

Honors and Awards

Four Year Doctoral Fellowship (4YF)
University of British Columbia — *2019-2023*

Research Grant
Vector Institute — *2020, 2021, 2022*

Work Experience and Service

Research Intern — **MountainView, CA**
Google — *June–September 2022*
- Composition Recommendation for Portrait Photography

○ **Teaching Assistant**   **Vancouver, BC**
  5&6th IVADO   *December 2019&April 2021*
  - Teaching assistant in the tutorial session. The material includes Multilayer Perception, Convolution Neural Network, Recurrent Neural Network, and Transformer.

○ **Intern**   **Taipei, Taiwan**
  Appier   *April–July 2018*

○ **Reviewer**
  CVPR 2022, ECCV 2022, WACV 2023