

# Shih-Han Chou | CV

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## Education

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- **University of British Columbia** **Vancouver, Canada**  
*Computer Science, PhD student*  
Advisor: Prof. Leonid Sigal  
09/2019–current
- **University of California, Merced** **California, USA**  
*Electrical Engineering and Computer Science, Visiting Scholar*  
Advisor: Prof. Ming-Hsuan Yang  
08/2018–01/2019
- **National Tsing Hua University** **Hsinchu, Taiwan**  
*Electrical Engineering, Research Assistant*  
Advisor: Prof. Min Sun  
06/2017–01/2019  
*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

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- **Shih-Han Chou**, Jim Little, Leonid Sigal, "Implicit and Explicit Commonsense for Multi-sentence Video Captioning", *ArXiv*.
- **Shih-Han Chou**, Zicong Fan, Jim Little, Leonid Sigal, "Semi-supervised Grounding Alignment for Multi-modal 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

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- **Four Year Doctoral Fellowship (4YF)**  
*University of British Columbia*  
2019-2023
- **Research Grant**  
*Vector Institute*  
2020, 2021, 2022

## Work Experience and Service

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- **Research Intern** **Mountain View, 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 2023, SIGGRAPH 2023, WACV 2023, ECCV 2022, CVPR 2022