

# Yu-Siang Huang (Remy) 黃郁翔

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## EDUCATION

### National Taiwan University

*M.S., Computer Science*

September 2018 - (Expected January 2020)

*Taipei, Taiwan*

### National Tsing Hua University

*B.S., Industrial Engineering, 3.91/4.3*

September 2013 - June 2017

*Hsinchu, Taiwan*

## WORK EXPERIENCE

### Taiwan AI Labs

*Research Intern at Music Team, supervised by Yi-Hsuan Yang*

June 2019 - Present

*Taipei, Taiwan*

- \* Music Generation (by Transformer) [1,2]

### Microsoft

*Software Engineering Intern at Xiaoice Science Team, supervised by Ruihua Song*

March 2018 - August 2018

*Beijing, China*

- \* Lyrics Generation, Mondegreen Generation

### Academia Sinica

*Research Assistant at Music and AI Lab, supervised by Yi-Hsuan Yang*

June 2017 - February 2018

*Taipei, Taiwan*

- \* Music Content-based Retrieval, Music Highlight Extraction, AI DJ project [3,4,5]

### Tsing Hua University

*Summer Exchange Student at Computer Science, supervised by Haizhou Ai*

July 2016 - August 2016

*Beijing, China*

- \* Preliminary Examination of Computer Vision

## PUBLICATION

- [1] **Jamming with Yating: Interactive Demonstration of a Music Composition AI**  
Wen-Yi Hsiao, Yin-Cheng Yeh, **Yu-Siang Huang**, Chung-Yang Wang, Jen-Yu Liu, Tsu-Kuang Hsieh, Hsiao-Tzu Hung, Jun-Yuan Wang, Yi-Hsuan Yang  
*ISMIR demo paper (non-peer reviewed two-page extended abstract), 2019*
- [2] **Learning to Generate Jazz and Pop Piano Music from Audio via MIR Techniques**  
Yin-Cheng Yeh, Jen-Yu Liu, Wen-Yi Hsiao, **Yu-Siang Huang**, Yi-Hsuan Yang  
*ISMIR demo paper (non-peer reviewed two-page extended abstract), 2019*
- [3] **Pop Music Highlighter: Marking the Emotion Keypoints**  
**Yu-Siang Huang**, Szu-Yu Chou, Yi-Hsuan Yang  
*Transactions of the International Society for Music Information Retrieval, vol.1, no.1, 2018*
- [4] **Generating Music Medleys via Playing Music Puzzle Games**  
**Yu-Siang Huang**, Szu-Yu Chou, Yi-Hsuan Yang  
*Proceedings of the 32nd AAAI Conference on Artificial Intelligence, 2018*
- [5] **Music Thumbnailing via Neural Attention Modeling of Music Emotion**  
**Yu-Siang Huang**, Szu-Yu Chou, Yi-Hsuan Yang  
*Asia-Pacific Signal and Information Processing Association Annual Summit and Conference, 2017*