

# Yu-Siang Huang (Remy) 黃郁翔

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## EDUCATION

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**National Taiwan University**  
*M.S., Computer Science*

September 2018 - (Expected January 2020)  
*Taipei, Taiwan*

**National Tsing Hua University**  
*B.S., Industrial Engineering*

September 2013 - June 2017  
*Hsinchu, Taiwan*

## WORK EXPERIENCE

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**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

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- [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*