

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**
W.-Y. Hsiao, Y.-C. Yeh, Y.-S. Huang, C.-Y. Wang, J.-Y. Liu, T.-K. Hsieh, H.-T. Hung, J.-Y. Wang, Y.-H. Yang
ISMIR Late-Breaking/Demo (non-peer reviewed two-page extended abstract), Nov 2019
- [2] **Learning to Generate Jazz and Pop Piano Music from Audio via MIR Techniques**
Y.-C. Yeh, J.-Y. Liu, W.-Y. Hsiao, Y.-S. Huang, Y.-H. Yang
ISMIR Late-Breaking/Demo (non-peer reviewed two-page extended abstract), Nov 2019
- [3] **Pop Music Highlighter: Marking the Emotion Keypoints**
Y.-S. Huang, S.-Y. Chou, Y.-H. Yang
Transactions of the International Society for Music Information Retrieval, vol.1, no.1, Sep 2018
- [4] **Generating Music Medleys via Playing Music Puzzle Games**
Y.-S. Huang, S.-Y. Chou, Y.-H. Yang
Proceedings of the 32nd AAAI Conference on Artificial Intelligence, Feb 2018
- [5] **Music Thumbnailing via Neural Attention Modeling of Music Emotion**
Y.-S. Huang, S.-Y. Chou, Y.-H. Yang
Asia-Pacific Signal and Information Processing Association Annual Summit and Conference, Dec 2017