Yu-Siang (Remy) Huang 黃郁翔

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EDUCATION

National Taiwan University   Sep 2018 - (Expected Jan 2020)
M.S., Computer Science   *Taipei, Taiwan*

National Tsing Hua University   Sep 2013 - Jun 2017
B.S., Industrial Engineering   *Hsinchu, Taiwan*

WORK EXPERIENCE

Taiwan AI Labs   Jun 2019 - Present
Research Intern @ Music Team, supervised by Yi-Hsuan Yang   *Taipei, Taiwan*

Microsoft   Mar 2018 - Aug 2018
Software Engineering Intern @ Xiaoice Science Team, supervised by Ruihua Song   *Beijing, China*

Academia Sinica   Jun 2017 - Feb 2018
Research Assistant @ Music and Audio Computing Lab, supervised by Yi-Hsuan Yang   *Taipei, Taiwan*

Tsing Hua University   Jul 2016 - Aug 2016
Summer Exchange Student @ Computer Science, supervised by Haizhou Ai   *Beijing, China*

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
20th ISMIR Late-Breaking/Demo session (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
20th ISMIR Late-Breaking/Demo session (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

OPEN SOURCE

- **pop-music-highlighter**: TensorFlow implementation for [3]

- **music-puzzle-game**: TensorFlow implementation for [4]

- **midi-restringer**: Try to play any MIDI via string instruments