

# Yu-Siang Huang (黃郁翔)

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## SHORT BIO

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I'm currently a master student at National Taiwan University under the supervision of Yi-Hsuan Yang. Before that, I undertook research work at Microsoft and Academia Sinica. My research interests include music information retrieval and natural language processing for music.

## EDUCATION

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### National Taiwan University

*M.S., Computer Science*

September 2018 - Present

*Taipei, Taiwan*

### National Tsing Hua University

*B.S., Industrial Engineering; GPA: 3.91/4.3*

September 2013 - June 2017

*Hsinchu, Taiwan*

## WORK EXPERIENCE

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### Microsoft

*Software Engineering Intern at Xiaoice Science Team*

March 2018 - August 2018

*Beijing, China*

- \* Advisor: Ruihua Song
- \* Lyrics Generation, Mondegreen Generation

### Academia Sinica

*Research Assistant at Music and Audio Computing Lab*

June 2017 - February 2018

*Taipei, Taiwan*

- \* Advisor: Yi-Hsuan Yang
- \* Music Highlight Extraction, Music Content-based Retrieval (genre & emotion), AI DJ project

### Tsing Hua University

*Summer Exchange Student at Computer Science*

July 2016 - August 2016

*Beijing, China*

- \* Advisor: Haizhou Ai
- \* Preliminary Examination of Computer Vision

## PUBLICATION

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### [1] 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*

### [2] 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*

### [3] 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*