

Yu-Siang (Remy) Huang 黃郁翔

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NOW

Taiwan AI Labs

Machine Learning Engineer @ Music Team

2020/01 - Present
Taipei, Taiwan

⇒ Machine learning algorithms for music retrieval and generation

EDUCATION

National Taiwan University

M.S. @ Computer Science

2018/09 - Present
Taipei, Taiwan

National Tsing Hua University

B.S. @ Industrial Engineering

2013/09 - 2017/06
Hsinchu, Taiwan

WORK EXPERIENCE

Taiwan AI Labs

Research Intern @ Music Team, supervised by Yi-Hsuan Yang

2019/06 - 2019/12
Taipei, Taiwan

⇒ Music generation by Transformer, and symbolic-domain music information retrieval

Microsoft

Software Engineering Intern @ Xiaoice Science Team, supervised by Ruihua Song

2018/03 - 2018/08
Beijing, China

⇒ Lyrics generation, monodegreen generation, and story keyword extraction

Academia Sinica

Research Assistant @ Music and Audio Computing Lab, supervised by Yi-Hsuan Yang

2017/06 - 2018/02
Taipei, Taiwan

⇒ Audio-domain music information retrieval, highlight extraction, and genre/mood classification

PUBLICATION

[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, Sep 2018

▷ Open Source: <https://github.com/remyhuang/pop-music-highlighter>

[2] Generating Music Medleys via Playing Music Puzzle Games

Yu-Siang Huang, Szu-Yu Chou, Yi-Hsuan Yang

32nd AAAI Conference on Artificial Intelligence, Feb 2018

▷ Open Source: <https://github.com/remyhuang/music-puzzle-games>

[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, Dec 2017