Yu-Siang (Remy) Huang 黃郁翔

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NOW

Taiwan AI Labs	Jan 2020 - Present
Machine Learning Engineer @ Music Team	*Taipei, Taiwan*

⇒ Machine learning algorithms for music retrieval and generation

EDUCATION

National Taiwan University	Sep 2018 - Present
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 - Jan 2020
Research Intern @ Music Team, supervised by Yi-Hsuan Yang	*Taipei, Taiwan*

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

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

⇒ Lyrics generation, mondegreen generation, and story keyword extraction

Academia Sinica	Jun 2017 - Feb 2018
Research Assistant @ Music and Audio Computing Lab, supervised by Yi-Hsuan Yang	*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-Husan 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-Husan 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-Husan Yang
Asia-Pacific Signal and Information Processing Association Annual Summit and Conference, Dec 2017