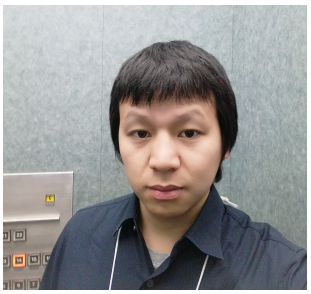
Donghuo Zeng

Última Actualización el 2 de octubre de 2020



Data personal

Ph.D student
National Institute of Informatics, SOKENDAI.
2-1-2, Hitotsubashi
Chiyodaku, Tokyo, Japan.
101-8430

Contact

090-9768-8959
zengdonghuo@nii.ac.jp
Google Scholar
Twitter (@GreenCatching)

Skills

♥ Deep learning, Machine learning, Data mining, Tensorflow/Keras, Python.

Summary

I am a researcher in National Institute of Informatics, SOKENDAI. In Summary, I studied in two main topics: Name entity recognition & relation extraction in Natural Language Processing, and Multimodal information retrieval in computer vision. Recently, I am working on musical multimodal information retrieval.

Education

Ph.D (Oct. 2017 - Sep. 2020)

University Name: National Institute of Informatics, SOKENDAI
Major: Digital Content and Media Sciences Research
School Address: 2-1-2, Hitotsubashi Chiyodaku, Tokyo, Japan. 101-8430
School URL: https://www.nii.ac.jp/en/
Research topics: Multimodal information retrieval, representation learning.

Master degree (Sep. 2015 - Jul. 2017)

University Name: Harbin Institute of Technology
School Name: School of computer science and engineering
Major: Software Engineering
School Address: NO.92 xidazhi Street, Nangang District, Harbin city, China.
School URL: http://en.hit.edu.cn/
Research topics: Name entity recognition, relation extraction, NLP

Bachelor degree (Sep. 2009 - Jul. 2013)

University Name: Tianjin Polytechnic University
School Name: School of computer science and engineering
Major: Software Engineering
School URL: http://en.tjpu.edu.cn/

Publication list

Journal

Donghuo Zeng, Yi Yu, Keizo Oyama. Deep Triplet Neural Networks with Cluster-CCA for Audio-Visual Cross-modal Retrieval, ACM TOMM 2020.

Donghuo Zeng, Chengjie Sun, Lei Lin, Bingquan Liu. LSTM-CRF for Drug-Named Entity Recognition, Entropy 19.6 (2017), pp.283.

Conference (regular paper)

Donghuo Zeng, Yi Yu, Keizo Oyama. Unsupervised Generative Adversarial Alignment Representation for Sheet music, Audio and Lyrics[J], arXiv preprint arXiv:2007.14856, 2020. (Accepted by BigMM)

Donghuo Zeng, Yi Yu, Keizo Oyama. Audio-Visual Embedding for Cross-Modal Music Video Retrieval through Supervised Deep CCA, ISM 2018, pp.143-150.

Short papers/poster:

Donghuo Zeng, Keizo Oyama. Learning Joint Embedding for Cross-Modal Retrieval, ICDMW 2019, pp.1070-1071.

Haoting Liang, Donghuo Zeng, Yi Yu, and Keizo Oyama. Personalized Music Recommendation with Triplet Network, DIEM 2019.

Yi Yu, Samuel Beuret, Donghuo Zeng, Keizo Oyama. Deep learning of human perception in audio event classification, ISM2018, pp.188-189.

Donghuo Zeng, Chengjie Sun, Lei Lin, Bingquan Liu: Enlarging drug dictionary with semi-supervised learning for Drug Entity Recognition, BIBM 2016: pp.1929-1931.