

YUNSHAN MA

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RESEARCH INTERESTS

Multimedia Analysis, Fashion Analysis, Fashion Recommendation, Fashion Trend Forecasting.

EDUCATION

National University of Singapore Ph.D. candidate in School of Computing, Advisor: KITHCT Chair Prof. Tat-Seng Chua	Aug. 2017 - Present
Beijing University of Posts and Telecommunications B.E. in Communication Engineering	Aug. 2011 - July 2015

PUBLICATIONS

Modeling Instant User Intent and Content-level Transition for Sequential Fashion Recommendation (**TMM 2021**)
Yujuan Ding, **Yunshan Ma**, Wai Keung Wong, Tat-Seng Chua

Leveraging Two Types of Global Graph for Sequential Fashion Recommendation (**ICMR 2021**)
Yujuan Ding, **Yunshan Ma**, Wai Keung Wong, Tat-Seng Chua

Leveraging Multiple Relations for Fashion Trend Forecasting Based on Social Media (**TMM 2021**)
Yujuan Ding*, **Yunshan Ma***, Lizi Liao, Wai Keung Wong, Tat-Seng Chua

Topic-Guided Relational Conversational Recommender in Multi-Domain (**TKDE 2020**)
Lizi Liao, Ryuichi Takanobu, **Yunshan Ma**, Xun Yang, Minlie Huang, Tat-Seng Chua

Knowledge Enhanced Neural Fashion Trend Forecasting (**ICMR 2020**)
Yunshan Ma*, Yujuan Ding*, Xun Yang, Lizi Liao, Wai Keung Wong, Tat-Seng Chua

Who, Where, and What to Wear? Extracting Fashion Knowledge from Social Media (**ACMMM 2019**)
Yunshan Ma, Xun Yang, Lizi Liao, Yixin Cao, Tat-Seng Chua

Interpretable Fashion Matching with Rich Attributes (**SIGIR 2019**)
Xun Yang, Xiangnan He, Xiang Wang, **Yunshan Ma**, Fuli Feng, Meng Wang, Tat-Seng Chua

TransNFCM: Translation-based Neural Fashion Compatibility Modeling (**AAAI 2019**)
Xun Yang, **Yunshan Ma**, Lizi Liao, Meng Wang, Tat-Seng Chua

Knowledge-aware Multimodal Dialogue Systems (**ACMMM 2018, Best Paper Finalist**)
Lizi Liao, **Yunshan Ma**, Xiangnan He, Richang Hong, Tat-Seng Chua

WORK EXPERIENCES

DevOPS Intern at 360 Search, Beijing	July 2014 - July 2015
DevOPS Enginner at 360 Search, Beijing	July 2015 - July 2016

AWARDS

Research Achievement Award School of Computing, National University of Singapore	Dec. 2019
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ACADEMIC ACTIVITIES

Reviewer: ACMMM-2021, IJCAI-2020, TheWebConf-2020, AAI-2021

Teaching:

- CS3244: Machine Learning (Fall 2019)
- CS4242: Social Media Computing (Spring 2019)
- CS4242: Social Media Computing (Spring 2018)