

Xin Zhou

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EDUCATION

Northeastern University (NEU), Liaoning, China <i>MSc in Software Engineering. Software College</i> <ul style="list-style-type: none">Exam-free Postgraduate I Supervisor: Guibing Guo Co-Supervisor: Zhu SunResearch area: Recommendation, Deep learning, Machine Learning, Artificial IntelligenceIELTS: 6.5 (L: 6.5 R: 7.0 W: 6.0 S: 6.0), score time: Aug 2020	2018.09 - Present
YanShan University (YSU), Hebei, China <i>BEng in Computer Science and Technology. Information Science and Engineering College</i> <ul style="list-style-type: none">Recommended exempt students I GPA: 3.45 / 4.00 (top 5%)	2014.09 - 2018.06

RESEARCH PUBLICATION

Modelling Temporal Dynamics and Repeated Behaviors for Recommendation <i>Xin Zhou, Zhu Sun, Guibing Guo, Yuan Liu. PAKDD-2020 (Core Rank A) [PDF]</i> <ul style="list-style-type: none">Exploit temporal dynamics and repeated behaviors, which is close to the user's real behavior seniorPropose a novel end-to-end neural framework TDRB, which delicately models the temporal dynamics and repeated behaviors for user preference prediction	2020.05
Multi-facet User Preference Learning for Fine-grained Item Recommendation <i>Xin Zhou, Zhu Sun, Guibing Guo, Yuan Liu. Neurocomputing (IF 4.072) [PDF]</i> <ul style="list-style-type: none">Classify user preference into multi-facet: group-facet, individual-facet, and action-facet to capture user intension for different degrees of behaviorsPropose MUPL to accommodate multi-facet user preference into a matrix factorization model, which automatically learn the importance of different levels of preference facet, and that of different types of auxiliary feedback	2020.03

RESEARCH ACTIVITY

The 2nd Beijing Academy of Artificial Intelligence Conference <ul style="list-style-type: none">Took part in the main Session as an attendee	2020.06
The 24th Pacific-Asia Conference on Knowledge Discovery and Data Mining <ul style="list-style-type: none">Took part in the Session #B3 (Sequential/ Dynamic Data + Recommendation System + Novel Algorithm) as a co-hosterResponsible for drawing PPT for presentation, sharing the idea about temporal dynamics and repeated patterns of user behaviors, discussing with the attendees, and making a statement summary	2020.05

RESEARCH SKILL

- Deep learning: Multi-task learning, Convolutional Neural Network, Recurrent Neural Network, Long Short-Term Memory
- Programming Language: Python, Java, C, C++, Matlab, R
- Library: TensorFlow, NumPy, LibRec
- Technologies: Linux, Git

PROJECT EXPERIENCE

College Students Innovative Training Program <ul style="list-style-type: none">"University financial reimbursement reservation system" based on Android client and Web Management	2017.06 - 2018.06
RuanKo Network Technology Co., Ltd <ul style="list-style-type: none">"Mobile assistant" based on Android Application	2017.07 - 2017.08

SELECTED AWARDS

National scholarship for Postgraduates	2020.10
First-class Scholarship for Postgraduate Students of Northeastern University	2020.09
First-class Scholarship for Postgraduate Students of Northeastern University	2018.09
First-class Scholarship for Undergraduate Student of Yanshan University	2017.06
Triple-A Student Awards of YanShan University	2016.12