

Xin Zhou

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EDUCATION

Northeastern University (NEU), Liaoning, China 2018.09 - 2021.07

MSc in Software Engineering. Software College

- Exam-free Postgraduate | Supervisor: [Guibing Guo](#) | Co-Supervisor: [Zhu Sun](#)
- Research area: Recommendation, Deep learning, Machine Learning, Artificial Intelligence
- IELTS: 6.5 (L: 6.5 R: 7.0 W: 6.0 S: 6.0), score time: Aug 2020

YanShan University (YSU), Hebei, China 2014.09 - 2018.06

BEng in Computer Science and Technology. Information Science and Engineering College

- Recommended exempt students | GPA: 3.45 / 4.00 (top 5%)

EXCHANGE EXPERIENCE

Westlake University, Zhejiang, China 2021.04 - 2021.07

Visiting student in Representation Learning Laboratory. Engineering College

- Principle investigator: [Fajie Yuan](#)
- Life AI. Interpretability for Pretrained Protein Language Model

RESEARCH PUBLICATION

Multi-facet User Preference Learning for Fine-grained Item Recommendation 2020.03

Xin Zhou, Zhu Sun, Guibing Guo, Yuan Liu. Neurocomputing (IF 4.072) [PDF]

- Classify user preference into multi-facet: group-facet, individual-facet, and action-facet to capture user intension for different degrees of behaviors

Modelling Temporal Dynamics and Repeated Behaviors for Recommendation 2020.05

Xin Zhou, Zhu Sun, Guibing Guo, Yuan Liu. PAKDD-2020 (Core Rank A) [PDF]

- Propose a novel end-to-end neural framework TDRB, which delicately models the temporal dynamics and repeated behaviors for user preference prediction

RESEARCH ACTIVITY

The 3rd Beijing Academy of Artificial Intelligence Conference 2021.06

Attendee in Session #Pretraining, #AI drug discovery, #Annual conference of Qingyuan Academy

The 2nd Beijing Academy of Artificial Intelligence Conference 2020.06

Attendee in the main Session

The 24th Pacific-Asia Conference on Knowledge Discovery and Data Mining 2020.05

- Took part in the [Session #B3](#) (Sequential/ Dynamic Data + Recommendation System + Novel Algorithm) as a co-hoster
- Responsible 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

RESEARCH SKILL

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

WORK EXPERIENCE

Westlake University, Zhejiang, China 2021.07 - Present

Research assistant in Representation Learning Laboratory. Engineering College

- Principle investigator: [Fajie Yuan](#)

- Using machine learning method to analyse CRISPER

PROJECT EXPERIENCE

Sequential Recommendation based on Multiple User Preference and Item Attribute Enhancement	2020.01 - 2021.07
<ul style="list-style-type: none">• National Natural Science Foundation of China• Funding Number: 61972078	
College Students Innovative Training Program	2017.06 - 2018.06
<ul style="list-style-type: none">• "University financial reimbursement reservation system" based on Android client and Web Management	
RuanKo Network Technology Co., Ltd	2017.07 - 2017.08
<ul style="list-style-type: none">• "Mobile assistant" based on Android Application	

AWARDS

Northeast University Software College Student Thesis Award Fund	2021.05
Outstanding graduates of Liaoning Province	2020.12
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