

HUAN ZHAO

Curriculum Vitae ◇ updated: 19th May 2022

M.S. Student

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College of Information Engineering

University of Northwest Agriculture and Forestry

Shaanxi, China

EDUCATION

University of Northwest Agriculture and Forestry

Sept, 2020 - Present

M.S. in Agricultural Engineering and Information Technology, College of Information Engineering

Overall GPA: 3.43/4.0

University of ABa Teachers

Sept, 2015 - July, 2019

B.S. in Computer Science and Technology, Department of Computer Science and Technology

Overall GPA: 3.36/4.0

Rank: 1/37

Award: National Encouragement Scholarship (Top 5%), 2017

STANDARDIZED TESTS

TOEFL

80 (Reading 20, Listening 20. Speaking 20, Writing 20)

May, 2022

RESEARCH INTERESTS

Recommendation Systems

Knowledge Graph Representation Learning

Machine Learning

Deep Learning

RESEARCH EXPERIENCES

Graduate Research, NWAF

Sept, 2021~ Present

I'm doing research on recommendation systems based on a knowledge graph. I do research on the principle of RippleNet. RippleNet is the already developed methods in the area of KG for recommendation systems. And then I design a method to improve this model.

CONFERENCE PUBLICATIONS

Huan. Zhao, "Rec-RN: User Representations Learning over the Knowledge Graph for Recommendation Systems," submitted to SMC.

SKILLS & TECHNIQUES

Programming Language

Python, Java, C/C++, HTML5, JS, CSS.

Software & Tools

Linux, Nginx, Shell, Numpy, Pytorch, Tensorflow, Scikit-learn/image, Matplotlib, Visual Studio, Overleaf, Jupyter Notebook, Spyder (General), Spring & SpringMVC & MyBatis (SSM), Ajax, JSP, jQuery, MySQL, PS.

PROJECTS

Online Mall Website

2019 Fall

I built a website with a platform for online shopping. I design three different roles in the websites, i.e., users, admins, and the super admin. Users could visit this website to learn about the information on various commodities available. They could buy his/her preferred commodities and know the transportation status from this website. And they could leave a comment after receiving commodities. The admins could manage the information shown about his/her commodities on the website. The super admin could manage the information of all managers and users.

Visualize Analysis Website

2018 Fall

I built a website for assisting decision-making investments. I collect the data from the stock applications and then process data. Data are stored on the local service. I analyze the data and visualize the result on the web page.