

WANG WEI

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Northwestern Polytechnical University, Xi'an, Shaanxi 710072, China

EDUCATION

Northwestern Polytechnical University

M.S. Student

College of Life Sciences

Advisor: Prof. [Airong Qian](#)

September 2017 - Present

Overall Score: 79.2/100

Henan University of Science and Technology

B.S. Student

School Of Mechatronical Engineering

September 2012 - July 2016

Overall Score: 87.6/100

SKILL

Computer Languages

Python, C/C++, JavaScript, Bash

Software & Tools

HTML, LaTeX, Office, Makedown, CSS

Libraries

Numpy, Pandas, Matplotlib, Scikit-Learn, Keras, Torch, OpenCV, Flask

MAIN RESEARCH INTERESTS

I am interested in **Computer Vision** and **Machine Learning**. Specifically on the topics of **Fine-Grained Image Categorization** and **Multiple-Instance Learning**.

PUBLICATION

Papers(in inverse chronological order):

1. Ye Tian#, Li Yang#, **Wei Wang**#, Jing Zhang, Qing Tang, Mili Ji, Yang Yu, Yu Li*, Hong Yang*, Airong Qian*.
Computer-aided Detection of Squamous Carcinoma of the Cervix in Whole Slide Images. Paper is under review. [arXiv](#)
2. Wenjuan Zhang#, Ying Huai#, **Wei Wang**, Kaiyue Xue, Lei Chen, Chu Chen*, Airong Qian*.
A Retrospective Cohort Study on the RiskFactors of Deep Vein Thrombosis (DVT) for Traumatic Fracture Patients atHonghui Hospital. BMJ open 9.3 (2019): e024247. [pdf](#)
3. **WANG Wei**, LI Yu, ZHANG Wen-juan, TIAN Ye, QIAN Ai-rong*.
Application of deep learning technology in disease diagnosis[J]. Academic Journal of Second Military Medical University, 2018, 39(8): 852-858 (in Chinese with English abstract). [pdf](#)

Manuscripts(in inverse chronological order):

1. **Wei Wang**, Wenjuan Zhang, Ying Huai, Kaiyue Xue.
Multiple instance learning of neural networks for high-resolution histopathology image classification
2. **Wei wang**
Research on machine learning based method for pathological image analysis. [My Thesis](#)

SELECTED AWARDS

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| - Excellent Graduate of Henan University of Science and Technology, Luoyang. | 2016 |
| - The First Prize Scholarship. | 2015 |
| - The First Prize Scholarship. | 2012 |