WANG HANCHENG

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EDUCATION

Jilin University *Aug 2016 - Jul 2020*

Software Engineering (Excellent engineer training program)

- GPA: 3.89 / 4.0 (Top 2%)
- Average Overall Score: 92.68 / 100
- English: fluent(CET6: 441 IELTS: 5.5)
- Honors/Awards: The Outstanding Students of the School (2017-2018), The Second Prize Scholarship（2017-2018）
- Relevant Coursework: Artificial Intelligence (98), Computing Method (98), Probability and Statistics (97), JAVA Programming (95), Advanced Mathematics (94)

RESEARCH EXPERIENCE

Database and intelligent network, Jilin University *Oct 2018 - Apr 2019*

- Supervisor: Professor Xiongfei Li
- I engaged in data mining research under the guidance of Professor Li. We propose a pruning algorithm based on instance credibility, which improves the classification accuracy of decision trees and reduces the number of nodes in it.
- Now I have published a SCI paper in IEEE Access.

Intelligent information processing, Jilin University *Apr 2019 - Jul 2019*

- Supervisor: Professor Zhanshan Li
- My work mainly focuses on high-dimensional feature selection by evolutionary calculation. We improved the forest optimization algorithm and analyzed the complexity of this algorithm.

Alibaba-Zhejiang University Joint Research Institute of Frontier Technologise, Zhejiang University *Jul 2019 - Aug 2019*

- We have developed a medical image-assisted recognition and diagnosis system based on human-computer interaction.I finally won the first prize of the outstanding campers.

PUBLICATION

- 【1】S. Yu, X. Li, X. Zhang and **H. Wang**, "The OCS-SVM: An Objective-Cost-Sensitive SVM With Sample-Based Misclassification Cost Invariance," in IEEE Access, vol. 7, pp. 118931-118942, 2019. doi: 10.1109/ACCESS.2019.2933437
- 【2】Shuang Yu, Xiongfei Li, Xiaoli Zhang, **Hancheng Wang**. BIDI: a classification algorithm with instance difficulty invariance[J]. Expert Systems with Applications, Under Review.
- 【3】Zhaogeng Liu, Zhanshan Li, Li Wang, **Hancheng Wang**, Tao Wang, HaiHong Yu. LsForest: Evolutionary computation solves high-dimensional feature selection in classification scenarios[J]. Pattern Recognition, Under Review.

RESEARCH INTERESTS

- Data Mining, Machine Learning, Evolutionary Computation

HONORS & AWARDS

- COLLEGIATE COMPUTER SYSTEMS & PROGRAMMING CONTEST Bronze Medal. *2019*
- The Tenth National Professional Software Engineering "Blue Bridge Cup" Design Contest JiLin Province Preliminary Round Second Prize. *2019*
- The Ninth National Professional Software Engineering "Blue Bridge Cup" Design Contest JiLin Province Preliminary Round Second Prize. *2018*