

# 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 Technoligise, 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**. BDI: a classification algorithm with instance difficulty invariance[J]. Expert Systems with Applications, 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