WANG HANCHENG

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EDUCATION

Jilin University   Aug 2016 - Jul 2020

Software Engineering (Excellent engineer training program)

- GPA: 3.91 / 4.0 (Top 2%)
- Average Overall Score: 93.24 / 100
- English: fluent(CET6: 442 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】Shuang Yu, Xiongfei Li, Hancheng Wang, Xiaoli Zhang, Shiping Chen. BIDI: A classification algorithm with instance difficulty invariance[J]. Expert Systems with Applications, accepted.

【2】Shuang Yu, Xiongfei Li, Hancheng Wang, Xiaoli Zhang, Shiping Chen. C_CART: An instance confidence-based decision tree algorithm for classification[J]. Intelligent Data Analysis, accepted.

【3】Shuang Yu, Xiongfei Li, Xiaoli Zhang, Hancheng Wang. The OCS-SVM: An Objective-Cost-Sensitive SVM With Sample-Based Misclassification Cost Invariance[J]. IEEE Access, 2019, 7: 118931-118942

RESEARCH INTERESTS

- Data Mining, Parallel Computing, Machine Learning

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