

RUIDONG XUE

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PUBLICATION

Sensor Time Series Association Rule Discovery Based on Modified Discretization Method

Ruidong Xue, Tingting Zhang, Dehua Chen, Jiajin Le, Mehrzad Lavassani

The IEEE International Conference on Computer Communication and the Internet

Improved association rule mining to sensor time series

Ruidong Xue

Independent thesis. Advanced level (degree of Master (Two Years)), 20 credits / 30 HE credits.

EDUCATION

Ph.D candidate

December 2017 - Present

Computer Science Research Group, School of Engineering and Applied Science

Aston University

Master(Collaboration Project)

August 2015 - June 2016

Department of Information and Communication Systems.

Mid Sweden University

Master

September 2014 - March 2017

School of Computer Science and Technology.

Donghua University

Bachelor

September 2010 - June 2014

School of Computer Science and Technology.

Donghua University

Overall GPA 3.76/5.0, Rank in major: Top 5%

PROFESSIONAL EXPERIENCE

Smart Industry Workshop

January 2019

Recent Advances in Industrial Digitalisation, Robotics and Automation-Nottingham Trent University, Nottingham, UK

Teaching Assistant for (CS1060)

December 2018

Computational Reasoning and Communication - Dr. Weiren Yu , Group of Computer Science, Aston University.

Teaching Assistant for (CS2410)

May 2018

Internet Applications and Techniques - Dr. Hongxia (Helen) Wang , Group of Computer Science, Aston University.

Lab Research for (Medical Data Mining)

November 2014

Computational Reasoning and Communication - Dr. Weiren Yu , Group of Computer Science, Aston University.

Teaching Assistant for (Object-oriented Programming and Practice)

March 2015

School of Computer Science and Technology, Donghua University.

Teaching Assistant for (Data Program of Prof. Jiajin Le)
School of Computer Science and Technology, Donghua University.

September 2016

HONORS & AWARDS

- | | |
|--|----------------------|
| 1. Smart Industry Workshop scholarships sponsored by the EPSRC Network Plus | <i>January 2019</i> |
| 2. Vice-Chancellor's International Scholarship (£30000) | <i>June 2017</i> |
| 3. Graduated with honor: University Graduate Excellence Award of Shanghai City | <i>March 2017</i> |
| 4. The honorary title of Candidate DHU Academic-Star | <i>December 2016</i> |
| 5. National Scholarship for Master's Degree (¥20000) | <i>October 2016</i> |
| 6. Graduated with honor: University Graduate Excellence Award of Shanghai City | <i>June 2014</i> |
| 7. Second Prize in China for Application of Information Technology | <i>December 2013</i> |
| 8. Engineer Certificate of National Certified for Mobile Internet | <i>December 2013</i> |
| 9. Donghua University Subject Competition Scholarship | <i>December 2013</i> |
| 10. Hengyi Scholarship | <i>2012-2013</i> |
| 11. Honor Title: Donghua University Excellent Student | <i>2012-2013</i> |
| 12. Donghua University Scholarship (¥3000) | <i>2012-2013</i> |
| 13. Honor Title: Donghua University Excellent Student | <i>2011-2012</i> |
| 14. Donghua University Scholarship (¥3000) | <i>2011-2012</i> |

EXTRA-CURRICULAR ACTIVITIES

- | | |
|---|---------------------|
| 1. Class President, | <i>2014-2015</i> |
| 2. The Union minister of Liaison Department in the School of Computer Science and Technology, | <i>2014-2015</i> |
| 3. Volunteer of the Donghua University 60-year Anniversary, | <i>October 2011</i> |
| 4. Language: English (Work Language) & Mandarin (Native) | |
| 5. Chinese driver's license: C1. | |
| 6. Cooking: Chinese food. | |
| 7. Sporting: Fitness in gym. | |
| 8. GRE: 311. Verbal Reading:148, Quantative Reasoning:163, Analytical Writing: 3 | |
| 9. TOEFL: 95. Reading:27, Listening:25, Speaking:19, Writing: 24 | |
| 10. CET-6: 492. Reading:200, Listening:171, Comprehensive:30, Writing:91 | |
| 11. CST-4: 559 | |