

# Ruiyue WANG

## CURRICULUM VITAE

University of Chinese Academy of Sciences  
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🐙 Github   in LinkedIn



## EDUCATION

2021–present : **Ph.D Candidate, Statistics**, School of Mathematical Sciences & Key Laboratory of Big Data Mining and Knowledge Management, University of Chinese Academy of Sciences.

Make a profound research about High-Dimensional Statistics, Robust Statistics, Heterogeneous Data Analysis and Applications of Machine Learning and Deep Learning.

Supervisor : *Prof. Sanguo Zhang*

2017–2021 : **B.S., Statistics**, School of Mathematics & Statistics, Wuhan University.

Advanced exposure to various areas of statistics and along with the study of basic curriculums in Mathematics, Statistics and Probability.

GPA : 3.82/4.0 (Top 10%)

## HONORS & COMPETITIONS

### HONORS

2021.4 : **"Outstanding Graduates"** for excellent graduates in 2021, Wuhan University.

2020.12 : **UCAS Scholarship** for merit student with postgraduate recommendation in 2020, University of Chinese Academy of Sciences.

2017-2020 : **Wuhan University Scholarship** for merit student in 2017, 2018, 2019 and 2020, Wuhan University.

2017-2020 : **Merit Student** in 2017, 2018, 2019 and 2020, Wuhan University.

2018.10 : **Fiberhome Scholarship** for excellent student (1%) in 2018, Wuhan University.

2018.4 : **"Advanced Individual in Social Work"** for some college students who actively participate in social activities, Wuhan University.

2017.12 : **"Outstanding League Cadre"** for excellent college student cadres in Youth League Branch, Wuhan University.

### COMPETITIONS

2020.5 : **Second Prize** in Mathematical Contest in Modeling of Labour, China.

2019.11 : **First Prize** in Chinese Mathematical Contest in Modeling, Hubei, China.

2018.12 : **Third Prize** in National College Mathematics Competition, China.

## ACTIVITIES IN EXPLORATION & COMMUNITY

### EXPLORATION

2020-2021 : **Group Leader, CAS Development Program**, Penalty-based Robust Subgroup Analysis, University of Chinese Academy of Science.

Identification of potential subgroups based on Fusion Penalty for biomedical data and develop models' robustness.

2019-2020 : **Member, CAS Development Program**, *Dual Feature Analysis in High Dimensional Data of Genome*, Academy of Mathematics and Systems Science, Chinese Academy of Science.  
Analyzing High-dimensional data on the biological regulation of humans and other organisms and using dual characteristics method to identify genetic characteristic vector.

#### COMMUNITY ACTIVITIES

2019-2020 : **Volunteers, Recruiting Volunteers Team**, Wuhan University.

2018-2019 : **Minister, Propaganda Department of Student Union**, School of Mathematics & Statistics, Wuhan University.

Responsible for the publicity and design work, participating in the planning of various activities.

2017-2018 : **Secretary, No.1703 Youth League Branch**, School of Mathematics & Statistics, Wuhan University.

Mainly responsible for construction, management of student information and activities

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#### SKILLS

Programming: Python, R, C, Matlab, L<sup>A</sup>T<sub>E</sub>X

Language : Mandarin(Native), English(Fluent, with CET-6 Certification)