

# Wang Ruiqin

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## **Education**

- National University of Singapore (NUS)** 08/2018-Present
- Ph.D. student, The Institute of Operations Research and Analytics (IORA)
- University of Science and Technology of China (USTC)** 09/2014-06/2018
- B. S. in Information & Computational Science, School of Mathematical Sciences
  - School of Engineering (Freshman Year)

## **Research Interests**

- Mathematical Modelling
- Optimisation Under Uncertainty
- Dynamic Programming and Optimal Control

## **Academic Research**

- Managing Inpatient Beds: Modelling and optimization** 06/2018
- Established a model to simulate the overflow of patients in order to reduce the negative impact of overflow.
- Identification of Handwritten Telephone Numbers** 06/2017
- Identified handwritten telephone numbers on express waybill and achieved the recognition accuracy up to 90%.

## **Skill**

- C, C++, Matlab, Mathematica, AutoCAD, Origin, Latex