

# 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
- Healthcare

## **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++, Python, MATLAB, Mathematica, R, AutoCAD, Origin