

Ruojie Zeng

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EDUCATION

University of California, Berkeley

August 2018-Present

- Ph.D. Student in Industrial Engineering and Operations Research

University of Illinois at Urbana-Champaign

August 2014-May 2018

- Bachelor of Science in Industrial Engineering
 - Coursework: Stochastic Processes & Applications, Optimization of Large Systems, Facilities Planning and Design, Simulation, Financial Engineering, Analysis of Data, Programming
- Bachelor of Science in Statistics
 - Coursework: Statistics and Probability, Applied Regression and Design, Statistical Computing, Statistical Learning, Machine Learning Methods, Statistical Data Management

EXPERIENCE

Optimization of Ambulance Dispatching System

Champaign, IL

Undergraduate Assistant

January 2016-Present

- Built visualization programs and implemented statistical learning algorithms to study the patterns of patient calls
- Implemented optimization algorithms in various scenarios with a heavy-tailed distribution

Ctrip

Shanghai, China

Data Analytics Intern

June 2017-August 2017

- Implemented machine learning models using Language Technology Platform and customer chatting records to detect customers' level of dissatisfaction and to alert fraud

CS125, Introduction to Computer Science

Champaign, IL

Class Assistant

August 2016-December 2016

- Assisted graduate teaching assistants and held office hours

ORGANIZATIONS

Institute of Industrial and Systems Engineers

- Professional society for industrial and systems engineering professions

Society of Women Engineers

- Educational and service organization

Engineering Ambassadors

- Professional outreach program

SKILLS

- Python, C, C++, Java, R, Matlab, AMPL, Autodesk Inventor