# Simeng Shao

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| CONTACT INFORMATION | Bridge Hall 401<br>3670 Trousdale Pkwy<br>Los Angeles, CA 90089 | ✉ simengsh@marshall.usc.edu |

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| EDUCATION | **University of Southern California**, Los Angeles, CA<br>Ph.D. Candidate in Statistics<br>*Advisors*: Dr. Adel Javanmard, Dr. Jacob Bien | **2017-2022** (Expected) |
| | **Renmin University of China**, Beijing, China<br>B.S. in Statistics<br>*Thesis Advisor*: Dr. Jianxin Yin | **2013-2017** |
| | **University of California, Davis**, Davis, CA<br>General Course. Statistics | **2015-2016** |

**RESEARCH INTERESTS**

High-dimensional Statistics, Feature Selection, Statistical Inference, Hierarchical Testing, Dynamic Pricing.

**PUBLICATIONS**

A. Javanmard, H. Nazerzadeh and **S. Shao**. "Multi-Product Dynamic Pricing in High-Dimensions with Heterogeneous Price Sensitivity."
IEEE International Symposium on Information Theory (ISIT), 2020.

**WORKING PAPERS**

**S. Shao**, A. Javanmard and J. Bien. "Controlling the False Split Rate in Tree-Based Aggregation."
*Manuscript in Preparation.*

**TEACHING EXPERIENCE**

**University of Southern California**

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| Instructor, BUAD 310 Applied Business Statistics | **Summer 2020** |
| Teaching Assistant, BUAD 310 Applied Business Statistics | **Spring 2020** |

**HONORS AND AWARDS**

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| **Marshall/Graduate School Fellowship** | **2017-2022** |

Competitive fellowship for graduate students to support their doctoral work, covering their tuition and stipend.

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| **Highest Prize of Academic Scholarship** | **2015-2016** |

First place among department of Statistics.

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| **Chancellor Scholarship** | **2015-2016** |

One of the total 57 students in school and full year of scholarship for exchanging program.

**CONFERENCES & INVITED TALKS**

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| • INFORMS Annual Meeting, Anaheim, CA | **Oct. 2021** |
| • Joint Statistical Meetings (Virtual) | **Aug. 2020** |
| • IEEE International Symposium on Information Theory (Virtual) | **Jun. 2020** |

**ACTIVITIES**

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| **IIDATA Statistics Convention** | **Dec. 2015 – May. 2016** |

The first student-run Statistics Convention at UC Davis.
Core Member, Academic Team.

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| **Technology & Education Connecting Culture, Summer Institute** | **Jul. 2015** |

Provided academic and pedagogical training to village school teachers in Binchuan, Yunnan, China.

COMPUTING       R, Python, C, Matlab, LaTeX, Microsoft Office.