

Jiuchen Zhang

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Research interests

Dependent tensor method, Recommender systems, Biostatistics, Wearable Devices
Data

Education

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|----------------|---|
| 2020 – Present | University of California Irvine – Irvine, CA
PhD in Statistics
Mentor: Professors Annie Qu |
| 2016 – 2018 | University of Illinois at Urbana-Champaign – Champaign, IL
Master of Science in Statistics |
| 2012 – 2016 | Zhejiang University – Hangzhou, Zhejiang
Bachelor of Science in Mathematics and Applied Mathematics |

Academic appointment

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| | Teaching Assistant , University of California Irvine |
| 2021 Spring | STATS 7: Basic Statistics |
| 2021 Fall | STATS 200AP: Intermediate Probability and Statistical Theory I |
| | Research Assistant , University of California Irvine |
| | 2020 Summer, 2020 Fall, & 2021 Summer |

Publications

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|----------------|---|
| 2022 | A Tensor Factorization Recommender System with Dependency
Jiuchen Zhang, Yubai Yuan, Annie Qu.
<i>Electronic Journal of Statistics</i> , 16, 2175-2205.. |
| In preparation | Multi-resolution Time Series Prediction
Jiuchen Zhang, Fei Xue, Qi Xu, Annie Qu. |

Working experience

- May 2019 — **The Illinois Statistics Office (Consultant)** – Champaign, IL
 Dec. 2019 Provided advice and collaboration for the statistical components of grant proposals including power analysis, identification of appropriate statistical methodology, data management and statistical report writing
 Developed targeted statistical methods as well as providing established, best-practice analysis using various analysis tool including Python, R and SAS.
 Provided quality control of biomedical data analysis plan and SAS code
- Sep. 2018 — **Technical Consulting & Research, Inc. (Statistical Analyst)** – Weston, CT
 May 2019 Scraped contact information of every trial for a disease using package Selenium and BeautifulSoup and downloaded other information through URL parameters using Python
 Merged scraped data and downloaded data and applied data process to deal with records having multiple locations or multiple contacts and added latitude and longitude column given location column of downloaded data

Talks

- Sep. 2021 A Tensor Factorization Recommender System with Dependency
Invited talk, 2021 ICSA Applied Statistics Symposium
- Aug. 2020 Multilayer Recommender Systems Using Dependent Tensor
2020 Joint Statistical Meetings (JSM)

Referee Experience

Journal of the Royal Statistical Society: Series B (1)

Electronic Journal of Statistics (2)

Professional Membership

American Statistical Association

International Chinese Statistical Association