Jiuchen Zhang

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Research interests

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

Education

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

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

2021	**A Tensor Factorization Recommender System with Dependency** Jiuchen Zhang, Yubai Yuan, Annie Qu. *Electronic Journal of Statistics, Invited minor revision.*
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 Beautiful Soup 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