

Jiajun Song

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EDUCATION

Duke University / Durham, NC
M.S. in Statistical Science

Aug 2019 - PRESENT

Peking University / Beijing, China
B.S. in Mathematics

Sep 2014 - Jun 2018

SKILLS

Data Mining with R, Python
Cloud Computing on AWS, Google Cloud Platform
Specialty in Natural Language Processing
Language: English, Mandarin

DATA SCIENCE EXPERIENCE

David's Lab / Durham, NC
Research Statistician

Jan 2020 - PRESENT

- Work with Prof Lawrence David on developing an automated device for tracking patient fluid output data in hospitals.
- Assist with inferences of user events based on processing of multiple sensors data, as well as providing analyses that guide sensor inclusion and design.
- Currently focus on audio dataset using state-of-art audio classification on deep learning framework.

IQunxing / Shanghai, China
Data Analyst Intern

Dec 2018 - May 2019

- Conceived credit rating and fraud detection based on seasonal E-commerce transaction records with Marketing teams.
- Implemented querying, wrangling and exploratory analysis on database with MySQL and Python.
- Presented weekly analytics report with Tableau to colleagues without statistical backgrounds and refined data-driven decision making in various stages of supply chain finance.

APPLIED STATISTICS PROJECTS

Applied Natural Language Processing / Duke University

Jan 2020 - PRESENT

- Worked as a team in CodaLab Competition, Assessing Humor in Edited News Headlines.
- Studied sentence-embedding on pretrained BERT model and Universal Sentence Encoder, researched on further elements of humor.

Predictive Modeling Final Project / Duke University

Nov 2019 - Dec 2019

- Analyzed the driving forces behind art valuation by 18th century auction pricing data.
- Engineered new features by text mining and field knowledge, detecting latent factors that correspond to outliers.

Statistical Learning Seminar / Peking University
Research Assistant

May 2015 - Jun 2016

- Participated in weekly seminars led by Jinzhu Jia, Professor of School of Mathematical Sciences, Peking University.
- Validated reproducible research on statistical property of *Lasso* and dived in latest development of Compressed Sensing.