

JIXIN (JASON) LI

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SKILLS

- **Software & Tools:** Proficient in Python (numpy, pandas, sklearn, tensorflow, pytorch), R (dplyr, ggplot2)
Familiar with Git, Linux, SQL, Lua, SPSS, AWS
- **Modeling:** Machine Learning (Regression Models, SVM, PCA/T-SNE, XGBoost, CatBoost)
Deep Learning (CNN, Reinforcement Learning), NLP
- **Certificate:** Passed CFA Level I

EDUCATION

Columbia University | Graduate School of Arts and Sciences

New York, NY

- MA in Statistics (GPA: 3.6) Sep. 2016 - Dec. 2017
- Relevant coursework: Advanced Machine Learning (deep learning), Time Series, Linear Regression Model, Survey Sampling, Stochastic Processes, Multi-Asset Portfolio Management

University of Michigan | College of Literature, Science, and the Arts

Ann Arbor, MI

- BA in Psychology, minor in Applied Statistics (GPA: 3.7 | University Honor) 2012 - 2014

Renmin University of China | Department of Psychology

Beijing, China

Second-Grade University Scholarship, volunteer group leader 2010 - 2012

WORK EXPERIENCE

Learnable, Inc., Boston, MA *Data Scientist*

Oct. 2017 - Present

- Consulted as a data scientist for 4 company clients
- Co-managed machine learning based flight and transportation delay insurance products from planning to deployment
Supported the pricing of insurance premium with delay probability predicted by neural net and xgboost models
- Built innovated ensemble of SVM models to label knowledge tags on math problem sets of middle school. The demo has been wrapped up as API to be called daily several thousand times by online education companies
- Planned personalized coupon lottery games based on customer profile to increase beverage repurchase rate

Guotai Junan Securities Co., Ltd, Shanghai, China *Summer Intern*

Jun. 2017 - Sep. 2017

- Wrote TMD industry research report and financing demand analysis under senior analysts' guidance
- Analyzed corporate accounting data and wrote case study regarding corporate sustainable profitability

AsiaEAP Consulting Co., Shanghai, China *Survey Data Analyst*

Jun. 2015 - Mar. 2016

- Compiled standard survey for mental health assessment and visualized findings in organizational mental health report

SCHOOL PROJECTS

Applied Double deep Q learning algorithm on 4 Atari games | Columbia University

Dec. 2017

- Realized deep Q learning published by Google Deep Minds to teach gaming agent to surpass human performance

Utilized Matlab Analytics to target potential investors in capital raising business

Oct. 2017

- Designed data flow pipeline and taught non tech-savvy bankers to utilize Matlab Analytics to find probable investors

Text Mining of Inauguration Speeches of Historical US Presidents | Columbia University

Jan. 2017

- Detected topic clusters and changing trends from 59 historical US presidency inauguration speech using LDA model

LEADERSHIP&ACTIVITIES

***Director of Finance*, Statistics Club, Columbia University**

Jan. 2017 - Present

Bike touring 500 miles across highlands and peaks of three 13,000 feet mountains in China

July. 2016