

Jixin Li

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RESEARCH INTERESTS

Social and personality psychology, machine learning, big data.
Especially in personality impression and machine learning prediction of psychological traits, life outcomes and subjective well-being using data from digital media.

EDUCATION

Columbia University, New York City, NY 08/2016-12/2017
M.A. in Statistics, advisor: Prof. Daniel Rabinowitz
GPA: 3.6/4.0

University of Michigan, Ann Arbor, MI 08/2012-05/2014
B.A. in Psychology, minor in Applied Statistics, University Honor
GPA: 3.7/4.0

Renmin University of China, Beijing, P.R.China 08/2010-07/2012
Major in Applied Psychology and transferred to the University of Michigan

PUBLICATION MANUSCRIPTS

L. Ji-Xin, G. Harari. "Personality Impressions of YouTubers Based on Their Trailers and Channel Sites: A Lens Model Approach" In Process, 2018.

WORK EXPERIENCES

Data Scientist at Learnable, Inc., Boston, MA 10/2017-10/2018

Classifier of math exercises:

- Predicted the major concept thread of maths exercise texts in a multiple-layer concept map using ensemble methods and neural networks.

Web scraper and transportation delay prediction:

- Built automatic scraper to extract daily weather and airport outbound data from websites.
- Predicted transportation delay using unstructured data including GPS location, customer remarks, weather, and historical delay records.

Coupon recommendation system:

- Designed collaborative filtering recommendation system for retailers to distribute coupons to stimulate customer repurchase.

Survey Data Analyst at AsiaEAP Consulting Co., Shanghai, China 2015-2016

- Wrote organizational mental well-being report by conducting scale survey and group interview to client companies in labor intensive industry.
- Collected prevailing scales on stress in the workplace and compiled questionnaires customized for clients, including Shanghai Volkswagen, Qunar.com, Qingpu Traffic Police.

**PSYCHOLOGY
RESEARCH
EXPERIENCES**

Research Assistant

01/2014-05/2014

Advisor: Dr. E. Margaret Evans, Dr. Maria Mercedes Arredondo, Laboratory in Developmental Psychology, Univ. of Michigan

Age Differences in the Memory Development of Elementary Schoolers

- Conducted rapport building and memory tasks to young students and observed memory strategies they adopted.
- Examined the effects of age differences, semantic organization memory conditions and their interaction on working-memory performance by two-way ANOVA.

Pilot Observation Study on Gender Differences in Cooperative Play

- Designed coding scheme, conducted Inter-Rater Reliability assessment, and collected coding data from 30 preschoolers and analyzed the pilot result.

Language and Relationship Priming Effect on Cultural Frame Switching

- Proposed experiments to use language and relationship primes and behavior attribution task to examine cultural frame switching of constructivist theory and minimize demand characteristics appeared in previous studies that used icon primes and self-description tasks.

Research Assistant

01/2013-05/2013

Advisor: Prof. Maria Muzik, Women and Infants Mental Health Program, Department of Psychiatry, Univ. of Michigan

- Reviewed literature; transcribed audio of postpartum depression group therapy meetings.

**PROGRAMMING
AND TOOLS**

Python, R, SPSS, Linux, Git, MySQL

VOLUNTEERING

Activity organizer and treasurer, Columbia Statistics Club

09/2016-12/2017

School administrator, Tianzige Teaching in Rural China

06/2014-12/2014

After-school tutor, 826michigan Commnuty Center

09/2012-12/2012

Program manager, Autism Volunteer Group in Renmin University

2010-2012

**SCHOLARSHIPS
& AWARDS**

University Honors, University of Michigan, 2014.

University Scholarship, Renmin University of China, 2012.

Top Ten Volunteer Project (Autism) in Haidian District, Beijing Volunteer Association, 2012.