RICHARD W. LU

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*For working papers and work in progress, please refer to my website.

EDUCATION

University of California, Berkeley   *Aug 2014 - May 2019 (Expected)*
Ph.D., Business Administration
Dissertation: Surveying Personality with Behavior: The Situational Influences and Individual
Outcomes of Self-Monitoring Behavior*

Georgia Institute of Technology, Atlanta   *Aug 2011 - Dec 2013*
B.S., Industrial Engineering.   GPA: 4.00

CAREER OBJECTIVE

To find a full-time position as a data scientist where I can leverage my training both as a social scientist and engineer to uncover insights from data for business applications.

SELECTED PROJECTS

Imputing Cultural Fit* (Working Paper)
Data Sources: 5M+ emails (with content), culture surveys, personnel records
Methodology: NLP and PCA for feature extraction, random forest model with surveys as target data
Major Finding: Perceiving organizational culture is distinct from valuing it

Assessing Career Progression* (Working Paper)
Data Sources: 3M+ person-months of personnel records, exit data (with reason)
Methodology: Matching on observables, piecewise exponential hazard rate models, fixed effects OLS
Major Finding: Women receive pay benefits but performance rating detriments for career atypicality

Visualizing Responsibility* (Data Analysis)
Data Sources: 180K+ job data (with stages), MTurk subjective rating surveys
Methodology: CNN with class activation maps trained on survey data, field experiment
Major Finding: There are differential cancellation rates for jobs by race as well as imputed responsibility

TECHNICAL STRENGTHS

Skills	Data Visualization, Dimensionality Reduction, Econometrics,
	ML, NLP, OOP, Relational Databases, Statistics, Web Scraping
Programming Languages	Python (Expert); R (Expert); SQL (Expert);
	HTML, CSS, JS, PHP (Intermediate), Bash (Novice), C++ (Novice)

COMMUNICATION EXPERIENCE

Teaching
Graduate Student Instructor, "Leading People", 4 sections
    (My Rating/Avg. Instr. Rating) - 6.28/5.82; 6.46/5.82; 5.56/4.68; 5.81/4.68
Graduate Student Instructor, ExecEd, "Leaderless Group Discussion", 1 section

Selected Presentations
Academy of Management Symposium, August 8, 2017.
International Conference on Computational Social Science, July 11, 2017.
The 4th International Workshop in Sequential Methodologies, July 18, 2013.