

JOSHUA J FINK

RÉSUMÉ 2015

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Profile

A data and social scientist interested in using modern Bayesian statistics and computational methods to study economic sociology, consumer behavior, health and aging, stratification processes, and the police and law enforcement.

Education

Ph.D., Sociology

Duke University,
Expected 2016

M.S., Statistical Science

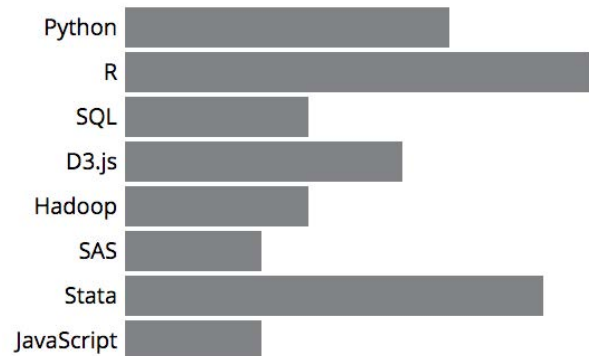
Duke University,
Expected 2015

B.A., Sociology

Pepperdine University,
Cum Laude 2011

Expertise

I specialize in building Bayesian statistical models for prediction and estimation using samplers based on Markov Chain Monte Carlo (MCMC) and other stochastic processes. I also have experience using a variety of clustering algorithms and managing large databases. My preferred workflow would involve R and Python for data cleaning and analysis, and R, Python, or D3.js for visualization.



Selected Professional Experience

American Statistical Association: Washington DC

Law & Justice Committee Research Assistant

Maintain databases and perform statistical analyses related to U.S. crime and policing.

February 2015-present

Tastytrade & Dough: Chicago, IL

Data Science Intern

Create research segments to be aired on a financial news network featuring data visualizations and inferences.

August 2014-present

National Institute of Health/Aging: Durham, NC

Predctoral Research Fellow

Execute and present quantitative research on the demography of health and aging.

May 2013-present

WZB, Social Science Center: Berlin, Germany

Research Analyst

Clean, explore, and analyze cross-national data on immigration and law enforcement.

May 2013-August 2013

Research

Race and Consumption: The Role of Structural Constraints in Household Expenditures

Charron-Chénier, Raphaël, Joshua J. Fink, Lisa A. Keister

American Journal of Sociology, R&R

Immigration and Preferences for Greater Law Enforcement Spending in Rich Democracies: A Bayesian Approach

Fink, Joshua J. and David Brady

Social Forces, Under Review

Class, Crime, and Latent Classes of Crime: A Bayesian Approach to a Persistent Enigma

Fink, Joshua J.

Working Paper