

J. BENJAMIN COOK

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OBJECTIVE

To join a team that uses big data sets to answer challenging questions

EDUCATION

Harvard University

May 2014 (Expected)

S.M. in Computational Science and Engineering

- Fall: Computing Foundations for Computational Science, Advanced Machine Learning, Numerical Methods, and Data Science
- Spring: Systems Development for Computational Science, Stochastic Optimization, Visualization, and Independent Research

University of Nebraska-Lincoln

August 2013

M.A. in Sociology with a Minor in Statistics

GPA: 4.00

- Thesis: The dynamics of network-religion autocorrelation in adolescent friendship networks
- Analyzed messy data sets to answer social science questions

Louisiana State University

2012

No Degree

GPA: 4.00

- Learned two semesters of Calculus and Linear Algebra/Elementary Differential Equations through the Independent and Distance Learning Program while working on M.A. at University of Nebraska-Lincoln

EXPERIENCE

University of Nebraska-Lincoln

2011 - 2013

Research Assistant

Lincoln, NE

- Used R, Python, and C++ to analyze big networks
- Cleaned, transformed and analyzed numerous messy data sets with R
- Helped students and professors with social network analysis in R
- Designed and programmed a social network survey with LimeSurvey and jQuery
- Explored the research literature in new areas to make recommendations for projects

Chicago Center for Urban Life and Culture

2010 - 2011

Housing Coordinator

Chicago, IL

- Ran weekly housing meeting with students, scheduled maintenance, helped with recruiting

Sparkle Wash Construction Services

2006 - 2010

Estimator

Omaha, NE

- Bid jobs for current and new customers, led marketing campaign, helped with office management