

# Carson Sievert

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## Contact

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## Office Address

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## EDUCATION

<i>Ph.D. Statistics</i> Iowa State University, Ames, IA	Expected 2016
<i>M.S. Statistics</i> Iowa State University, Ames, IA	May 2013
<i>Double B.A. Mathematics and Economics</i> Saint John's University, Collegeville, MN	May 2010

## EXPERIENCE

<i>Research Intern</i> AT&T Labs, Florham Park, NJ	Summer 2013
<ul style="list-style-type: none"><li>Co-authored the R package LDAviz with Dr. Kenny Shirley <a href="https://github.com/kshirley/LDAviz">https://github.com/kshirley/LDAviz</a></li></ul>	
<i>Graduate Teaching Assistant</i> Iowa State University, Department of Statistics, Ames, IA	Aug. 2011 - May 2013
<ul style="list-style-type: none"><li>Course instructor for Introduction to Business Statistics (<math>\approx 80</math> students).</li></ul>	
<i>Data Analyst</i> Hardwick-Day Inc., Bloomington, MN	Nov. 2010 - Nov. 2011
<ul style="list-style-type: none"><li>Developed testing algorithms for the company's web-based "Net Price Calculators" (projected to generate over \$3M in revenue over five years).</li></ul>	

## COMPUTER SKILLS

*Statistical Packages:* R, SAS, JMP  
*Languages/Software:* MySQL, XML, HTML, JavaScript, D3js, git, awk, grep, Excel  
*Report Generation:* LaTeX, knitr, Markdown, pandoc  
*Operating Systems:* Mac OS X (50%), Unix/Linux (30%), Windows (20%).

## PRESENTATIONS

- An interactive visualization platform for interpreting topic models.* ISU Graphics Working Group. August 2013.
- pitchRx: Tools for Collecting and Analyzing Major League Baseball PITCHf/x Data.* Joint Statistical Meetings. Montreal, Canada. August, 2013.
- Getting Started with Shiny.* ISU Graphics Working Group, October 2012.
- Simple Methods for Collecting and Analyzing MLB PITCHf/x Data.* ISU Graphics Working Group. October 2012.
- Play for Pay: the Effects of Walk Year Performance on MLB Free Agent Contracts.* Scholarship Day. St. Joseph, MN. April 2010.
- A Mathematical Perspective of Voting.* Pi Mu Epsilon's National Conference at MathFest. Portland, OR. August 2009.
- An Application of Auction Theory to the MLB Free Agent Market* with Zhishan Guo. MAA's MathFest. Madison, WI. August 2008.

**PUBLICATIONS**      • *pitchRx: Tools for Collecting and Analyzing Major League Baseball PITCHf/x Data*, Under Review with The R Journal.

**HONORS**              Invited member of the National Mathematics Honor Society - Pi Mu Epsilon  
Invited member of the Economics Honor Society - Omicron Kappa Sigma  
President's scholar and Dean's List recipient

**SERVICE /**            Member of the American Statistical Association  
**AFFILIATIONS**    STATcom consultant  
STATers First-Year Representative