

Carson Sievert

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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>Graduate Teaching Assistant</i> Iowa State University, Department of Statistics, Ames, IA <ul style="list-style-type: none">Course instructor for Introduction to Business Statistics since Fall 2012.	Aug. 2011 - Present
<i>Software Developer</i> Google, Ames, IA <ul style="list-style-type: none">Contributed to animint: an R package for interactive animations using ggplot2's grammar of graphics implementation – https://github.com/tdhock/animint	Summer 2014
<i>Research Intern</i> AT&T Labs, Florham Park, NJ <ul style="list-style-type: none">Authored LDAvis: an R package for interactive visualization of textual topic models with Dr. Kenny Shirley – https://github.com/cpsievert/LDAvis	Summer 2013

Journal Articles

C. Sievert (2014). Taming PITCHf/x Data with pitchRx and XML2R. *The R Journal*. 6(1):5-19. <http://bit.ly/pitchRx-paper>

Workshop Papers

C. Sievert and K. Shirley (2014). LDAvis: A Method for Visualizing and Interpreting Topics. *Workshop on Interactive Language Learning, Visualization, and Interfaces at the Association for Computational Linguistics*. <http://bit.ly/LDAvis-paper>

Invited Talks

Acquiring, visualizing, and modeling MLB umpire strike/ball decisions with PITCHf/x data. Joint Statistical Meetings. Seattle, Washington. August, 2015.

Software

Authored: pitchRx, bb scrapeR, XML2R, LDAvis, animint
Other skills: SQL, XML, HTML, JavaScript, D3js, Julia, python, LaTeX

Selected Blog Posts

Interactive animations of PITCHf/x with animint and pitchRx. <http://bit.ly/pitchRx-animint>
A probabilistic model for interpreting strike-zone expansion. <http://bit.ly/1E5Pdpe>

Selected Presentations

An interactive visualization platform for interpreting topic models. Joint Statistical Meetings. Boston, MA. August, 2014.
pitchRx: Tools for Collecting and Analyzing Major League Baseball PITCHf/x Data. Joint Statistical Meetings. Montreal, Canada. August, 2013.