

JEFFREY M. RZESZOTARSKI

(jeff rez-oh-tar'-ski)

Assistant Professor, Cornell University
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EDUCATION

- 2010 – 2017 **Ph.D. in Human Computer Interaction**
Human-Computer Interaction Institute
Carnegie Mellon University
Dissertation: Uncovering Nuances in Complex Data Through Focus & Context Visualizations
Committee: Aniket Kittur (Carnegie Mellon University), Jason Hong (Carnegie Mellon University), Jodi Forlizzi (Carnegie Mellon University), John Stasko (Georgia Tech)
- 2010 – 2013 **M.S. in Human Computer Interaction**
Human-Computer Interaction Institute
Carnegie Mellon University
- 2006 – 2010 **B.A. in Computer Science**
Carleton College, Magna cum laude
Distinction in Major Field, Distinction in Senior Comp. Examination

RESEARCH AND PROFESSIONAL EXPERIENCE

- 2017 – present **Assistant Professor**
Information Science, Cornell University
- 2014 – 2018 **Co-founder**
DataSquid, Inc.
Pittsburgh area data visualization and business intelligence startup
- 2010 – 2017 **Research Assistant**
Human-Computer Interaction Institute, Carnegie Mellon University
- 2013 **Research Intern**
Microsoft Research, Redmond, WA
Advisor: Meredith Ringel Morris, neXus Group
- 2012 **Software Engineering Intern / Research Intern**
Google, Mountain View, CA
Advisors: Ed Chi & Peng Dai, Maps / Geo Team

FUNDING

- 2019-2022 **Active Learning Initiative**
Cornell; 3 years; Co-PI
- 2019 - 2021 **Improving Data Exploration by Mining Analyst Behavior**
NSF CHS CRII; 2 years; PI; 2019

2018 – 2022

Enabling Computer-Aided Food Product and Process Design for Everyone

USDA NIFA; 4 years; Co-PI; 2018

REFEREED PUBLICATIONS

Khovanskaya, V., Dombrowski, L., Rzeszotarski, J.M., & Sengers, P. (2019) The Tools of Management: Adapting historical union tactics to platform mediated labor. *ACM Conference on Computer Supported Cooperative Work (CSCW)*. **Best Paper honorable mention award**

Lasecki, W. S., Rzeszotarski, J. M., Marcus, A., & Bigham, J. P. (2015) The Effects of Sequence and Delay on Crowd Work. *ACM Conference on Human Factors in Computing Systems (CHI)*. Acceptance rate: 22.9%

Dai, P., Rzeszotarski, J. M., Paritosh, P., & Chi, E. (2015) And Now for Something Completely Different: Improving Crowdsourcing Workflows with Micro-Diversions. *ACM Conference on Computer Supported Cooperative Work (CSCW)*. Acceptance Rate: 28.0%

Rzeszotarski, J. M. & Kittur, A. (2014) Kinetica: Naturalistic Multi-touch Data Visualization. *ACM Conference on Human Factors in Computing Systems (CHI)*. Acceptance rate: 22.8% **Best Paper honorable mention award**

Rzeszotarski, J. M. & Ringel Morris, M. (2014) Estimating the Social Costs of Friendsourcing. *ACM Conference on Human Factors in Computing Systems (CHI)*. Acceptance rate: 22.8% **Best Paper award**

Rzeszotarski, J. M., Spiro, E. S., Matias, J. N., Monroy-Hernández, A., Ringel Morris, M. (2014) Is Anyone Out There? Unpacking Q&A Hashtags on Twitter. *ACM Conference on Human Factors in Computing Systems (CHI)*. Acceptance rate: 22.8%

Rzeszotarski, J. M. & Kittur, A. (2012) CrowdScape: Interactively Visualizing User Behavior and Output. *ACM Symposium on User Interface Software and Tech (UIST)*. Acceptance rate: 21.5% **Best Paper award**

Rzeszotarski, J. M. & Kittur, A. (2012) Learning from history: Predicting reverted work at the word level in Wikipedia. *ACM Conference on Computer Supported Cooperative Work (CSCW)*. Acceptance rate: 39.5%

Rzeszotarski, J. M. & Kittur, A. (2011) Instrumenting the crowd: Using implicit behavioral measures to predict task performance. *ACM Symposium on User Interface Software and Technology (UIST)*. Acceptance rate 25%

Gross, D., Atlas, R., Rzeszotarski, J. M., Turetsky, E., Christensen, J., Benzaid, S., Olson, J. T., Steinberg, L., Sulman, J., Ritz, A., Anderson, B., Nelson, C., Musicant, D., Chen L., Snyder, D. C., Schauer, J. (2010) Environmental chemistry through intelligent atmospheric data analysis. *Environmental & Modelling Software*. 25, 6, 760-769.

REFEREED WORKSHOP PAPERS, PRESENTATIONS, AND POSTERS

Rzeszotarski, J. M. (2018) Popping the Filter Bubble: Employing Counterexamples to Reduce Bias. Workshop on Sensemaking in a Senseless World, *SIGCHI*

Rzeszotarski, J. M. & Kittur, A. (2013) TouchViz: (Multi)Touching Multivariate Data. Interactivity Demo. *SIGCHI*

Rzeszotarski, J. M. & Kittur, A. (2013) TouchViz: (Multi)Touching Multivariate Data. Work in Progress Poster. *SIGCHI*

Rzeszotarski, J. M. (2011) Worker Collaboration in Crowdsourcing Markets. Workshop on Crowdsourcing and Human Computation: Systems, Studies and Platforms. *SIGCHI*

OTHER PAPERS AND TECHNICAL REPORTS

Rzeszotarski, J. M., Chang, K., Kang, R., Kinnaird, P. (2011) Crowdsourced Learning on the Job: A Case Study in Collaborative Translation. *Carnegie Mellon University Technical Report*.

Musicant, D., Atlas, R., Christensen, J., Olson, J., Rzeszotarski, J. M., Turetsky, E. (2009) Supervised Learning by Training on Aggregate Outputs. *Carleton College Technical Report*.

PATENTS

Methods and Software for Visualizing Data By Applying Physics-Based Tools To Data Objectifications (USPTO # 9,761,036)

System for Interactively Visualizing and Evaluating User Behavior and Output (Filed 2013, USPTO #20150254594 A1)

AWARDS

2019	ACM CSCW Best Paper Honorable Mention
2016	Siebel Scholar
2015	Carnegie Mellon University Student Innovation Fellowship
2014	ACM SIGCHI Best Paper
2014	ACM SIGCHI Best Paper Honorable Mention
2014	McGinnis Venture Competition – 2 nd place
2014	Three Rivers Venture Fair Tech Showcase Winner
2014	AlphaLab Startup Incubator
2013 - 2015	Microsoft Research Fellowship
2012	Facebook Fellowship Finalist
2012	ACM UIST Best Paper
2012	NSF Graduate Research Fellowship Program Honorable Mention

ADVISING

Ph.D. Advisees (current)

Cornell Univ.	Jing Nathan Yan (Information Science)
Cornell Univ.	Swati Mishra (Information Science)

Ph.D. Dissertation Committee (current)

Cornell Univ.	Neta Tamir (Information Science)
Cornell Univ.	Sharifa Sultana (Information Science)
Cornell Univ.	Maria Antoniak (Information Science)
Cornell Univ.	Luping Wang (Information Science)
Cornell Univ.	Peter Fiduccia (Development Soliology)

SERVICE

Conference Organization

2019	The Web Conference (WWW) Crowdsourcing Track Senior Program Chair, Program Committee
2019	ACM User Interface Software and Technology (UIST) Associate Chair, Program Committee

- 2018 AAAI Conference on Human Computation and Crowdsourcing (HCOMP)
Judge, Best Paper Committee
- 2017 AAAI Conference on Human Computation and Crowdsourcing (HCOMP)
Associate Chair, Program Committee
- 2014 AAAI Conference on Human Computation and Crowdsourcing (HCOMP)
Crowdcamp Workshop Organizer

Editorship

- 2011 – 2015 Crowdresearch.org blog

Departmental

- 2019 - 2020 Cornell Faculty Hiring Committee
- 2018 - 2019 Cornell ISST Curriculum Revision Committee
- 2017 - 2018 Cornell PhD Admissions Committee

Reviewer

- 2010+ ACM SIGCHI, ToCHI
- 2011+ ACM UIST
- 2011+ ACM CSCW
- 2013+ AAAI HCOMP

TEACHING AND MENTORING EXPERIENCE

- AY2017, '18, '19 **Cornell Data Science Club – Insights team mentor**
Mentor for visualization-oriented students in undergraduate project team
Under mentorship team won Cornell BOOM award (2018)
- S2019, '20 **INFO 3300 – Data-driven Web Applications**
Undergraduate level mixed lecture and live demonstration
- F2017, '18, '19 **INFO 6240 - Sensemaking: Theory and Practice**
Graduate level discussion seminar
- S2018 **INFO 4310 - Interactive Information Visualization**
Graduate level mixed lecture and discussion
- 2013 - 2016 **Undergraduate / Master's Research Mentor**
Independent Studies in Sensemaking, Carnegie Mellon University

SELECTED TALKS

- 2018 **Making Sense of Data**
Keynote, Cornell Big Data Symposium
- 2016 **Revealing Nuances in Data at Scale**
Microsoft Research seminar
- 2016 **Revealing Nuances in Data at Scale**

- Adobe Research seminar
- 2016 **Revealing Nuances in Data at Scale**
Google Research seminar
- 2015 **Revealing Nuances in Data at Scale**
Cornell University seminar
- 2014 **Augmenting the Crowd**
University of Washington dub seminar
- 2014 **Instrumenting the Crowd**
Carnegie Mellon University Crowdsourcing Seminar

SELECTED PRESS

- 2016 [Facebook CEO's New AI Hobby: Lots of Late Nights, Experts Say](#)
Wall Street Journal - Digits
- 2014 [Kinetica Is A New System That Lets You Play With Data With Your Fingers](#)
TechCrunch
- 2014 [Spotlight Shines on Big Ideas at AlphaLab DemoDay](#)
Pittsburgh Tribune-Review
- 2014 [AlphaLab introduces its latest class of entrepreneurs](#)
Pittsburgh Post-Gazette
- 2014 [Researchers turn spreadsheets into visualizations for tablets](#)
GigaOM
- 2014 [Carnegie Mellon system lets iPad users explore data with their fingers](#)
Phys.org
- 2014 [New tech makes reading difficult data sheets easy](#)
Business Standard

BROADCASTING EXPERIENCE

- KRLX Radio, Northfield, Minnesota**
- 2007 – 2010 A Series of Tubes
Co-hosted a computer science and technology talk radio show. Weekly, 1 hour on-air
- 2007 – 2010 Spur of the Moment
Live drama. Co-wrote and voiced 4+ characters. Weekly, 1-2 hours on-air
- 2008 – 2010 8-bit Gramophone
Co- and independently jockeyed a video game music show. Weekly, 1 hour on-air