Curriculum Vitae

Jacob Thebault-Spieker

Department of Computer Science http://jacob.thebault-spieker.com
University of Minnesota   thebault@cs.umn.edu
4-192 Kenneth H Keller Hall
200 Union Street
Minneapolis, MN 55455

Research Areas

Human-Computer Interaction (HCI), Social Computing.

Areas of Focus: sharing economies, peer production, mobile crowdsourcing, citizen science.

Education

Univeristy of Minnesota (*2011 - Present*):
    PhD Student (*2011 - April 2013*)
    PhD Candidate (*April 2013 - Present*)
University of Minnesota – Morris (*2007 - 2011*):
    Bachelor of Arts, Computer Science
    Bachelor of Arts, Spanish

Publications

Refereed Papers in Archival Publication Venues (Conferences and Journals)

1. 2017
   - **Jacob Thebault-Spieker**, Loren Terveen, and Brent Hecht 2017. Towards a geographic understanding of the sharing economy: Systemic biases in uberx and taskrabbit. In *ACM transactions on computer-human interaction* (TOCHI). In Press
   - **Jacob Thebault-Spieker***, Ashley Colley*, Yilun Allen Lin*, Donald Degraen, Benjamin Fischman, Jonna Häkkilä, Kate Kuehl, Valentina Nisi, Nuno Jardim Nunes, Nina Wenig, Dirk Wenig, Brent Hecht**, and Johannes Schöning** 2017. The geography of pokémon go: Beneficial and problematic effects on places and movement. In *Proceedings of the 35th annual acm conference on human factors in computing systems* (CHI '17).

- ◦ Andrew Hall, Sarah McRoberts, **Jacob Thebault-Spieker**, Yilun Allen Lin, Shilad Sen, Brent Hecht, and Loren Terveen 2017. Freedom versus standardization: Structured data generation in a peer production community. In *Proceedings of the 35th annual acm conference on human factors in computing systems* (CHI '17).

2. 2016
   - ◦ Hannah Miller, **Jacob Thebault-Spieker**, Shuo Chang, Johnson Isaac, Loren Terveen, and Brent Hecht 2016. "Blissfully happy" or "ready to fight": Varying interpretations in emoji. In *Proceedings of the 10th international conference on web and social media* (ICWSM '16).

3. 2015
   - ◦ **Jacob Thebault-Spieker**, Loren G. Terveen, and Brent Hecht 2015. Avoiding the south side and the suburbs: The geography of mobile crowdsourcing markets. In *Proceedings of the 18th acm conference on computer supported cooperative work & social computing* (CSCW '15), 265–275. https://doi.org/10.1145/2675133.2675278
   - ◦ Aaron Halfaker, Oliver Keyes, Daniel Kluver, **Jacob Thebault-Spieker**, Tien Nguyen, Kenneth Shores, Anuradha Uduwage, and Morten Warncke-Wang 2015. User session identification based on strong regularities in inter-activity time. In *Proceedings of the 24th international conference on world wide web* (WWW '15), 410–418. https://doi.org/10.1145/2736277.2741117

Posters and Extended Abstracts

1. 2016
   - ◦ **Jacob Thebault-Spieker**, Anbang Xu, Jilin Chen, Jalal Mahmud, and Jeffrey Nichols 2016. Exploring engagement in a 'social crowd' on twitter. In *Proceedings of the 19th acm conference on computer supported cooperative work and social computing companion* (CSCW '16 companion), 417–420. https://doi.org/10.1145/2818052.2869112

Workshop Papers

1. 2015
   - ◦ **Jacob Thebault-Spieker**, Brent Hecht, and Loren Terveen 2015. Digitally reflecting our space: Crowdsourcing space usage rules. In *19th acm conference on computer supported cooperative work and social computing* (Information technology and city life workshop - cscw '15).

2. 2013
   - ◦ **Jacob Thebault-Spieker** 2013. CitizenSense: A geographic collective intelligence platform. In *Symposium on urban informatics exploring smarter cities* (Symposium on urban informatics exploring smarter cities).

3. 2010
   - **Jacob Thebault-Spieker** 2010. Can protocol and application layer statistics improve client-server responsiveness? In *Midwest instructional computing symposium* (MICS '10).

Refereed Doctoral Consortia

1. 2016
   - **Jacob Thebault-Spieker** 2016. Quantifying, understanding, and mitigating crowd work bias. In *Fourth aaai conference on human computation and crowdsourcing* (HCOMP '16 doctoral consortium).

Grants and Awards

Grants

- **SOBACO Travel Grant**
  Travel Grant from Social Media and Business Analytics Collaborative to attend CSCW. $1500. 2015.
- **SOBACO Travel Grant**
  Travel Grant from Social Media and Business Analytics Collaborative to attend CSCW. $1000. 2014.
- **Undergraduate Research Opportunity Program grant**
  University of Minnesota, Morris. $1400. 2009.

Research Internships and REUs

- **IBM Research – Almaden** *Summer 2014*. Advisors: Jeff Nichols, Jalal Mahmud.
  Defined and implemented a research project in the space of grassroots engagement efforts on Twitter. Resulted in CSCW 2016 Poster.
- **Carnegie Mellon REU** *Summer 2010*. Advisor: Mahadev Satyanarayanan.
  Researched the feasibility of prefetching in Internet Suspend/ Resume. Demonstrated that the simple (boot) case does not provide performance improvements.

Teaching Experience

Teaching Assistantships

- *University of Minnesota*
  Structure of Computer Programming II (Undergraduate): Fall 2011, Spring 2012.

- *University of Minnesota – Morris*
  Models of Computing Systems (Undergraduate): Fall 2010, Spring 2011.

Professional Service

Reviewing

1. Conference Proceedings

- CSCW
- CHI

1. Journals

- TOCHI
- Interaction Design and Architecture