

Ashton Anderson

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INTERESTS

Social computing, computational social science, data mining, network analysis.

EDUCATION

Stanford University, Stanford, CA, USA Sept. 2010–present
Fifth-year Ph.D. candidate in Computer Science.
Advisor: Jure Leskovec.

Stanford University, Stanford, CA, USA Sept. 2008–June 2010
M.S. in Computer Science.
Advisor: Yoav Shoham. *Specialization:* Algorithmic game theory.

McGill University, Montreal, Canada Sept. 2004–June 2008
B. Eng. in Software Engineering (with distinction).

AWARDS

Best paper runner-up at WWW 2014
Google Ph.D. Fellowship in Social Computing (third-year extension), 2014–2015
Google Ph.D. Fellowship in Social Computing, 2012–2014
NSERC Postgraduate Scholarship M (2008–2010) [*Canadian NSF equivalent*]
David R. Cheriton Scholarship (declined)
National AP Scholar
Perry Bedard Shield for Excellence in Mathematics

PROFESSIONAL EXPERIENCE

LinkedIn, Mountain View, CA, USA 2013–present
Continuing research contractor under Deepak Agarwal.

Facebook Core Data Science, Menlo Park, CA, USA Summer 2014
Research Intern under Lada Adamic.

Google, Mountain View, CA, USA Summer 2013
Research Intern under Andrew Tomkins.

Microsoft Research, New York City, NY, USA Summer 2012
Research Intern under Sharad Goel.

Yahoo! Research, New York City, NY, USA Summer 2011
Research Intern under Duncan Watts.

EPFL, Lausanne, Switzerland Summer 2010
Visiting Researcher under Boi Faltings.

Rocket Fuel Inc., Redwood City, CA, USA Summer 2009
Machine Learning Intern.

TEACHING EXPERIENCE AND COMMUNITY SERVICE

Teaching assistant at Stanford University, *Social and Information Network Analysis*, Fall 2012

Teaching assistant at Stanford University, *Multiagent Systems*, Fall 2009

Teaching assistant at McGill University, *Discrete Mathematics*, Winter 2008

Reviewer for *WWW 2013*, *IJCAI 2013*, *WSDM 2014*, *Communications of the ACM (CACM)*, *Transactions on Economics and Computation (TEAC)*, *Transactions on Knowledge and Data Engineering (TKDE)*

PC member for *KDD 2014*

PAPERS

[10] Global Diffusion via Cascading Invitations: Structure, Growth, and Homophily.

A. Anderson, D. Huttenlocher, J. Kleinberg, J. Leskovec, and M. Tiwari.

Under review, 2015

[9] The Structural Virality of Online Diffusion.

S. Goel, A. Anderson, J. Hofman, and D. Watts.

Management Science (forthcoming), 2015

[8] Engaging with Massive Online Courses.

A. Anderson, D. Huttenlocher, J. Kleinberg, and J. Leskovec.

Proceedings of the 23rd International Conference on the World Wide Web (WWW), 2014

Best paper runner-up

[7] The Dynamics of Repeat Consumption.

A. Anderson, R. Kumar, A. Tomkins, and S. Vassilvitskii.

Proceedings of the 23rd International Conference on the World Wide Web (WWW), 2014

[6] Political Ideology and Racial Preferences in Online Dating.

A. Anderson, S. Goel, G. Huber, N. Malhotra, and D. Watts.

Sociological Science, 2014

[5] Steering User Behavior With Badges.

A. Anderson, D. Huttenlocher, J. Kleinberg, and J. Leskovec.

Proceedings of the 22nd International Conference on the World Wide Web (WWW), 2013

[4] Discovering Value from Community Activity on Focused Question Answering Sites: A Case Study of Stack Overflow.

A. Anderson, D. Huttenlocher, J. Kleinberg, and J. Leskovec.

ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (KDD), 2012

[3] Towards a Computational History of the ACL: 1980–2008.

A. Anderson, D. McFarland, and D. Jurafsky.

Association for Computational Linguistics Special Workshop on Rediscovering 50 Years of Discoveries (ACL), 2012

[2] Effects of User Similarity in Social Media.

A. Anderson, D. Huttenlocher, J. Kleinberg, and J. Leskovec.

ACM International Conference on Web Search and Data Mining (WSDM), 2012

[1] Internal Implementation.

A. Anderson, Y. Shoham, and A. Altman.

International Conference on Autonomous Agents and Multiagent Systems (AAMAS), 2010

MISCELLANEOUS ACTIVITIES

- Chess: qualified for the 2002 World Youth Championships; provincial age-group champion several times.
- Crosswords: I am a freelance crossword constructor for *The New York Times*.
- Other passions relegated to hobby status: writing, travel, piano, photography.