Joseph SEERING

CONTACT

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EDUCATION

IN PROGRESS: PhD in HUMAN-COMPUTER INTERACTION, **Carnegie Mellon University**
Current GPA: 4.03/4.00 | Advisor: Prof. Geoff Kaufman

MAY 2018 Masters in HUMAN-COMPUTER INTERACTION, **Carnegie Mellon University**

MAY 2013 Bachelor of Arts in SOCIAL STUDIES, **Harvard University**

PUBLICATIONS & PRESENTATIONS

CONFERENCE PAPERS:

- Seering, J., Wang, T., Yoon, J., and Kaufman, G. (In submission), **Moderator Engagement and Community Development In the Age of Algorithms**. Submitted to *New Media and Society*.

- Seering, J. Ng, F., Yao, Z., and Kaufman, G. (2018, Nov), **Applications of Social Identity Theory to Research and Design in Computer-Supported Cooperative Work**. In Proceedings of the 21st conference on Computer Supported Cooperative Work & Social Computing, Jersey City, NJ. ACM. *[Best Paper Award]* 🏆

- Seering, J., Flores, J.P., Savage, S., and Hammer, J. (2018, Nov) **The Social Roles of Bots: Evaluating Impact of Bots on Discussions in Online Communities**. In Proceedings of the 21st conference on Computer Supported Cooperative Work & Social Computing, Jersey City, NJ. ACM.

- Glickman, S., McKenzie, N., Seering J., Moeller, R., and Hammer, J. (2018, Oct) **Design Challenges for Livestreamed Audience Participation Games**. In Proceedings of ACM CHI PLAY 2018, Melbourne, Australia. *[Best Paper Honorable Mention]* 🏅

- Seering, J., Savage, S., Eagle, M., Churchin, J., Moeller, R., Bigham, J., and Hammer, J. (2017, June), **Audience Participation Games: Blurring the Line Between Player and Spectator**. In Proceedings of Designing Interactive Systems 2017, Edinburgh, Scotland, ACM.

- Seering, J., Kraut, R. E., and Dabbish, L. (2017, Feb), **Shaping Pro and Anti-Social Behavior on Twitch Through Moderation and Example-Setting**. In Proceedings of the 20th conference on Computer Supported Cooperative Work & Social Computing, Portland, Oregon. ACM. *[Best Paper Honorable Mention]* 🏅

- Seering, J., Willcox, K., & Huang, L. (2015, June), **Mapping Outcomes in an Undergraduate Aerospace Engineering Program**. In proceedings of the 2015 ASEE Annual Conference and Exposition, Seattle, Washington. 10.18260/p.24467

CONFERENCE PRESENTATIONS AND WORKSHOPS:

- Seering, J., and Kaufman, G. (2018, June), **Experimenting with Harassment: Ethical Questions in Studying Bad Behaviors Online**. Workshop paper to be presented at the

the 12th International AAAI Conference on Web and Social Media, Stanford, California. AAAI.

- Seering, J., and Kaufman, G. (2018, Apr), **The Importance of Looking Closer: Understanding Motivations for Bad Behavior Online**. Workshop paper presented at the 2018 CHI Conference on Human Factors in Computing Systems, Montreal, Canada. ACM.

- Seering, J., and Kaufman, G. (2017, Feb), **Social Identity Theory and Computer-Supported Cooperative Work**. Workshop paper presented at the 20th conference on Computer Supported Cooperative Work & Social Computing, Portland, Oregon. ACM.

- Seering, J., and Dabbish, L. (2016, March), **Exploring Identity Signals on an Anonymous Mobile Posting App**. Workshop paper presented at the 19th conference on Computer Supported Cooperative Work and Social Computing, San Francisco, California. ACM.

- Lieberman, C., Seering, J., and Willcox, K. (2014, June). **Mapping of learning outcomes across the MIT undergraduate curriculum**. Poster session presented at the 10th International CDIO Conference, Barcelona, Spain, June 15-19 2014.

Other Work:

- Willcox, K., Sarma, S., and Lippel, P. et al. (2016, May). **Online Education: A Catalyst for Higher Education Reforms**. Accessed at https://oepi.mit.edu/literature/reports/.

- Seering, J. (Unpublished, 2013). **Practical Goals: A Case Study in Understanding and Judging Objectives in Higher Education**. Senior Thesis, Harvard College.

Teaching Experience

- Fall 2018: Co-developing and instructing new course with Professor Jeffrey P. Bigham, 05499A/05899A: **Human-AI Interaction**

- Fall 2017: Teaching Assistant for Professor Amy Ogan, 05410/05610: **User-Centered Research and Evaluation**

- Spring 2017: Teaching Assistant for Professor Jason Hong, 05320/05820: **Social Web.**

Service:

- Co-founded and run CMU Social Computing Reading Group, Fall 2017-present.

- Hosted **"tech ethics in the curriculum" ad-hoc lunch** at 2018 ACM CHI conference

- Ran 3-day workshop on **developing technology to combat harassment** in Fall 2017 at OurCS conference for undergraduate women in computing

- CMU HCII faculty meeting liaison, Fall 2016-Fall 2017

- CMU HCII PhD-Masters student liaison, Fall 2018-present

Reviewing:

- CHI 2019
- CHI 2018
- CSCW 2018
- DiGRA 2018
- CHI PLAY 2018

WORK EXPERIENCE

Current AUG 2015-PRESENT	**PhD Student at Carnegie Mellon University** *Human-Computer Interaction* Studying social interaction in online platforms, focusing particularly on ways users deal with unwanted social behaviors. Seeking to understand how to design platforms that encourage users to behave positively toward each other, using both qualitative and quantitative methods.
JAN 2014-AUG 2015	**Researcher in Online Learning** *MIT, Aeronautics and Astronautics Department* Worked as a researcher for MIT's Online Education Policy Initiative, funded by a grant by the Carnegie Corporation. Performed an extensive review of the literature over several months to understand state-of-the-art perspectives on online learning from psychology, social science, and education, and presented the results of this review to the internal working group and to interested parties across MIT.
JUN 2013-AUG 2015	**Research Analyst** *MIT, Office of the Provost* Performed extensive survey research by assisting with writing, deploying, and analyzing more than fifteen surveys including the MIT Community Attitudes on Sexual Assault survey. Used statistical analysis tools including SPSS on large sets of data to answer research and administrative questions about student learning and social experiences. Analyzed and coded large volumes of textual responses to survey questions, both manually and with natural language processing algorithms written in Python.
JUN 2011-AUG 2011	**Quality Analyst Intern** *QinetiQ North America* Worked to validate and verify reports on procedures related to quality control in a complex manufacturing environment.
OCT 2008-JUN 2009, JUN 2010-AUG 2010	**Intern in Statistical Engineering** *Bose Corporation* Used statistical tools to validate manufacturing processes and suggest assembly specifications. Focused specifically on minimizing failures by recommending proper torque settings for driving screws into different materials. Designed an 'intern curriculum,' specifying a progression of skills an intern would learn while in the department.

LANGUAGES SPOKEN

- English (native)
- Spanish (advanced)

PhD Coursework in HUMAN-COMPUTER INTERACTION

Grades

SUBJECT	GRADE	CREDIT HRS
HCI Process and Theory	A	9
Applied Research Methods	A-	12
Design Perspectives in HCI	A+	6
Cognitive Perspectives in HCI	A	6
Social Perspectives in HCI	A	6
Computer Science Perspectives in HCI	A	6
Applied Machine Learning	A	12
Behavioral Economics	A-	12

Persuasive Design	A	12
Design Ethos and Action	A	12
Distributed Work Groups	A	12
	Gpa:	**4.03**