

Jane Im

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University of Michigan, Ann Arbor
School of Information
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Research Interests

Social Computing, Human-Computer Interaction, Computational Social Science

Education

University of Michigan , Ann Arbor, MI Ph.D. in Information Science Advised by Eric Gilbert	Sept. 2018 - Present
Korea University , Seoul, Republic of Korea B.B.A. in Business Administration B.S. in Computer Science and Engineering	Mar. 2013 - Aug. 2018
Massachusetts Institute of Technology , Cambridge, MA Undergraduate special student program (non-degree, full-time enrollment)	Sept. 2016 - May 2017

Employment

University of Michigan, Ann Arbor, MI <i>Research Assistant</i>	Sept. 2018 - Present
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Publications

Proceedings and Journals

Jane Im, Eshwar Chandrasekharan, Jackson Sargent, Paige Lighthammer, Taylor Denby, Ankit Bhargava, Libby Hemphill, David Jurgens, Eric Gilbert. Still Out There: Modeling and Identifying Russian Troll Accounts on Twitter. *Under submission at CSCW 2019*.

Jane Im, Amy X. Zhang, Christopher J. Schilling, David Karger. Deliberation and Resolution on Wikipedia: A Case Study of Request for Comments. *ACM Conference on Computer Supported Cooperative Work and Social Computing (CSCW 2018)*. Jersey City, New Jersey. November 2017.

Jane Im, Paul Medlock-Walton, Mike Tissenbaum. App Inventor VR Editor for Computational Thinking. *Computational Thinking in Education Conference (CTE 2017)*. Hong Kong. June 2017.

Posters, Demos, and Workshop Papers

Jane Im. Non-consensual Images & Videos and Consent in Social Media. *ACM CHI Conference on Human Factors in Computing Systems (CHI 2019) Workshop on Sensitive Research, Practice, and Design in HCI*.

Research Experience

comp.social, University of Michigan

Sept. 2018 - Present

Research Assistant

- Built ML models to identify potential Russian trolls on Twitter, using an unbalanced dataset of 2.2K Russian troll accounts released by Twitter and 170K control accounts.
- Developed Trollo, a web-based tool where users can enter a Twitter handle to check out the likelihood of an account being a Russian troll.

Haystack Group, MIT

April. 2017 - June 2017

Undergraduate Research

(Remotely collaborated until April, 2018)

- Investigated how various factors affect the outcome of Request for Comments (RfC), a deliberative discussion on Wikipedia, by building machine learning models.
- Analyzed interviews with RfC participants to find ways to overcome tensions within the RfC system.

MIT App Inventor, MIT

Oct. 2016 - May 2017

Undergraduate Research

- Enabled novice programmers to create modular code in the App Inventor, by developing customized blocks within the system that can execute any functions of an imported API.
- Implemented virtual reality (VR) blocks in the App Inventor to help novice users build VR apps.

Soft Active Materials Lab, MIT

Sept. 2016 - Feb. 2017

Undergraduate Research

- Developed 3D printing based soft robotic hands with stand-alone actuation and control system.
- Implemented the software interface for precise 3D printing for advanced soft materials.

Awards

School of Information Conference Travel Grant

2018

University of Michigan, Ann Arbor, MI

2017 Annual Soft Robotics Competitions 1st prize in Design

Sept. 2016 - Dec. 2016

Harvard University, Cambridge, MA

Big Data Analytics Competition 3rd Prize

Dec. 2014 - Mar. 2015

SK Telecom, Seoul, Republic of Korea

Selected Press

Motherboard. "A Third of Wikipedia Discussions Are Stuck in Forever Beefs". Nov. 2018

Presentations

Invited Talks

Wikimedia Showcase, Wikimedia Foundation

Sept. 2018

Deliberation and Resolution on Wikipedia: A Case Study of Requests for Comments

Seminar Talks

IAR Seminar, University of Michigan School of Information
Deliberation and Resolution on Wikipedia: A Case Study of Requests for Comments
Sept. 2018

Other Talks

PhD Recruitment Flash Talk, University of Michigan School of Information
Still Out There: Modeling and Identifying Russian Troll Accounts on Twitter
Feb. 2019

Scholarships

Korea University Honor Scholarships

Honors Scholarships, 33% of tuition covered for 2014 spring, 50% of tuition covered for 2015 fall
Best Honors Scholarships, tuition fully covered for 2014 fall

Academic Mentoring

Paige Lighthammer, University of Michigan (Undergraduate)	Sept. 2018 - Present
Jackson Sargent, University of Michigan (Undergraduate)	Sept. 2018 - Present
Ankit Bhargava, University of Michigan (Undergraduate)	Sept. 2018 - Present
Taylor Denby, University of Michigan (Undergraduate)	Sept. 2018 - Present
Sonali Tandon, University of Michigan (Masters)	Sept. 2018 - Present