Jane Im

imjane@umich.edu
imjane.net
(734)-881-3307

University of Michigan, Ann Arbor
School of Information
105 South State St, Ann Arbor, MI 48109

Research Interests

Social Computing, Human-Computer Interaction, Computational Social Science

Education

University of Michigan, Ann Arbor, MI — Sept. 2018 - Present
Ph.D. in Information Science
Advised by Eric Gilbert

Korea University, Seoul, Republic of Korea — Mar. 2013 - Aug. 2018
B.B.A. in Business Administration
B.S. in Computer Science and Engineering

Massachusetts Institute of Technology, Cambridge, MA — Sept. 2016 - May 2017
Undergraduate special student program (non-degree, full-time enrollment)

Employment

University of Michigan, Ann Arbor, MI — Sept. 2018 - Present
Research Assistant, Teaching Assistant

Publications

Proceedings and Journals

[C2] Jane Im, Amy X. Zhang, Christopher J. Schlling, 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.

[C1] 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.

Work in Progress or Under Submission

Jane Im, Sonali Tandon, Eshwar Chandrasekharan, Taylor Denby, Eric Gilbert. Synthesized Social Signals: Computationally-Derived Social Signals from Account Histories. *Under submission at CHI 2020*.

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.

Posters, Demos, and Workshop Papers

[P1] 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*.

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

Research Experience

comp.social, University of Michigan Sept. 2018 - Present
Research Assistant

- Currently investigating i) how interpersonal consent can be defined in the context of social platforms and ii) how social platforms can be designed with interpersonal consent at its core.
- Built *Sig*, a Chrome extension that computes and renders synthesized social signals (S3s) on social platforms. S3s are social signals computationally derived from an account's history, and then rendered onto the profile. Unlike conventional social signals such as profile bios, S3s use computational summarization to reduce receiver costs and raise the cost of faking social signals (under submission at CHI 2020).
- 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.

Haystack Group, MIT Apr. 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.

Teaching Experience

SI 339: Web Design, Development, and Accessibility, University of Michigan Fall 2019
Graduate Student Instructor

- An undergraduate course providing hands-on approach to learning responsive, accessible front-end programming for Web Design. Topics covered include HTML5, CSS3 (including Bootstrap framework), JavaScript, and the POUR design principles of accessible design.
- Leading 2 discussion sections per week.

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 Sept. 2018
Deliberation and Resolution on Wikipedia: A Case Study of Requests for Comments

Other Talks

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

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 - Apr. 2019
Jackson Sargent, University of Michigan (Undergraduate)	Sept. 2018 - Apr. 2019
Ankit Bhargava, University of Michigan (Undergraduate)	Sept. 2018 - Apr. 2019
Taylor Denby, University of Michigan (Undergraduate)	Sept. 2018 - Aug. 2019
Sonali Tandon, University of Michigan (Masters)	Sept. 2018 - Apr. 2019

Service

Review

Computer-Supported Cooperative Work and Social Computing Conference (CSCW)	2019
IEEE International Conference on Data Mining (ICDM)	2019

Leadership

Doctoral Executive Committee (DEC)	2019

Coursework

Data Mining, Doctoral Foundations Seminar, Interpretivist Theories in Computer-Supported Cooperative Work/Social Computing, Research Methods, Human-AI Interaction, Qualitative Research Methods