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 — 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

Sassafras Tech Collective, Ann Arbor, MI (remote) — May 2020 - Aug. 2020
Software Development & Research Intern with Jill Dimond

Airbnb, San Francisco, CA
Research Intern Recipient 2020, ***Internship deferred due to COVID-19***

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

Publications

Proceedings and Journals

[c4] 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. *ACM Conference on Web Science (WebSci 2020)*. Southampton, UK. *27% Acceptance Rate*

[c3] Jane Im, Sonali Tandon, Eshwar Chandrasekharan, Taylor Denby, Eric Gilbert. Synthesized Social Signals: Computationally-Derived Social Signals from Account Histories. *ACM Conference on Human Factors in Computing Systems (CHI 2020)*. Honolulu, HI. April 2020. *24.3% Acceptance Rate*

[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)*. New York, NY. November 2018. *25% Acceptance Rate*

[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.

Posters, Demos, and Workshop Papers

[w2] Jane Im, Jeeyoon Hyun, Jill Dimond, Melody Berton, Eric Gilbert. Building Social Platforms around Affirmative Consent. *Moving Forward Together: Effective Activism For Change Workshop at ACM Conference on Human Factors in Computing Systems (CHI 2020)*. Honolulu, HI. April 2020. Workshop Paper.

[w1] Jane Im. Non-consensual Images & Videos and Consent in Social Media. *Sensitive Research, Practice, and Design in HCI Workshop at ACM Conference on Human Factors in Computing Systems (CHI 2019)*. Glasgow, UK. May 2019. Workshop Paper.

Awards & Scholarships

Rackham Conference Travel Grant 2020
University of Michigan, Ann Arbor, MI

School of Information Conference Travel Grant 2018, 2019, 2020
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

Korea University Honor Scholarships 2014 spring & fall, 2015 fall
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

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 built 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 on the profile. [c3]
- 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. [c4]

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. [c2]

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. [c1]

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 539: Web Design, Development, and Accessibility, University of Michigan Winter 2020
Graduate Student Instructor

- A graduate 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.
- Led 2 discussion sections per week.

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

- An undergraduate version of the course above.

Selected Press

Predictive Model Identifies Wikipedia Arguments that Will Never Get Resolved.
Campus Technology. Dian Schaffhauser. Nov 27, 2018.

A Third of Wikipedia Discussions Are Stuck in Forever Beefs.
Vice Motherboard. Samantha Cole. Nov 7, 2018.

Presentations

Invited Talks

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

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

Other Talks

EECS 598 Human-Computer Interaction Guest Presentation, University of Michigan Apr. 2020
Synthesized Social Signals: Computationally-Derived Social Signals from Account Histories.

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

Academic Mentoring

Paige Lighthammer, University of Michigan (Undergraduate) [c4] Sept. 2018 - Apr. 2019

Jackson Sargent, University of Michigan (Undergraduate) [c4] Sept. 2018 - Apr. 2019

Ankit Bhargava, University of Michigan (Undergraduate) [c4] Sept. 2018 - Apr. 2019

Taylor Denby, University of Michigan (Undergraduate) [c4] Sept. 2018 - Aug. 2019

Sonali Tandon, University of Michigan (Masters) [c3] Sept. 2018 - Apr. 2019

Katherine Mustelier, University of Michigan (Undergraduate) Mar. 2020 - May. 2020

Service

Review

ACM CSCW full paper 2019, 2020

ACM CHI Late-Breaking Work 2020

IEE ICDM full paper 2019

Leadership

Doctoral Executive Committee (DEC) Fall 2019 - Winter 2020

Coursework

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

Last updated: June 21, 2020