# Heeryung Choi

Information

Contact 4446, School of Information,

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105 S State St, Ann Arbor, MI,

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**EDUCATION** University of Michigan, 2016 - 2021 (expected)

School of Information, Ann Arbor, MI Doctoral candidate in Information

Advisor: Christopher Brooks

Seoul National University,

2014 - 2016

Interdisciplinary Program in Cognitive Science, Seoul, South Korea

M.S. in Cognitive Science Advisor: Joonhwan Lee

Seoul National University,

2009 - 2014

School of Education, Seoul, South Korea

B.A. in English Education (Summa Cum Laude)

Teaching EXPERIENCE SIADS505: Data Manipulation

Spring 2021

Online Graduate Course (Primary Instructor)

SIADS521: Visual Exploration of Data

Fall 2020, Winter 2021

Online Graduate Course (Teaching Assistant)

SIADS505: Data Manipulation

Fall 2020, Winter 2021

Online Graduate Course (Teaching Assistant)

SI630: Natural Language Processing: Algorithms and People

Winter 2019

Graduate Course (Teaching Assistant)

SI671: Data Mining

Fall 2018

Graduate Course (Teaching Assistant)

**Publications** 

## Peer-reviewed Archival Conference Proceedings

Heeryung Choi, Nia Dowell, Christopher Brooks, Stephanie Teasley. 2019. Social Comparison in MOOCs: Perceived SES, Opinion, and Message Formality, in 9th International Conference on Learning Analytics and Knowledge 2019 (LAK19).

Wenfei Yan, Nia Dowell, Caitlin Holman, Steve Welsh, **Heeryung Choi**, Christopher Brooks. 2019. Exploring Learner Engagement Patterns in Teach-Outs: Using Topic, Sentiment and Ontopicness to Reflect on Pedagogy, in 9th International Conference on Learning Analytics and Knowledge 2019 (LAK19).

Yiwen Lin, Nia Dowell, Andrew Godfrey, **Heeryung Choi**, Christopher Brooks. 2019. Modeling Gender in Intra and Interpersonal Dynamics during Online Learning Collaborative Interactions, in 9th International Conference on Learning Analytics and Knowledge 2019 (LAK19).

### Workshop Papers

Heeryung Choi, Christopher Brooks, Caitiln Hayward, Kirsty Kitto, Dragan Gasevic, Abelardo Pardo, Phil Winne, Neil Heffernan. 2021. Engineering Learning Analytics Technology Environments (ELATE): Understanding iteration between data and theory, and design and deployment, in 11th International Conference on Learning Analytics and Knowledge 2021 (LAK21). (Workshop paper)

#### Poster Presentations

**Heeryung Choi**, Nia Dowell, Christopher Brooks. 2018. Social comparison theory as applied to MOOC student writing: constructs for opinion and ability, in ICLS '18: the Thirteenth International Conference of the Learning Sciences.

**Heeryung Choi**, Zijian Wang, Christopher Brooks, Kevyn Collins-Thompson, Beth Glover Reed, Dale Fitch. 2017. Social work in the classroom? A tool to evaluate topical relevance in student writing, in EDM '17: the Tenth International Conference on Educational Data Mining.

**Heeryung Choi**, Christopher Brooks, Kevyn Collins-Thompson. 2017. What does student writing tell us about their thinking on social justice?, in LAK '17: the Seventh International Learning Analytics Knowledge Conference.

Je Seok Lee, **Heeryung Choi**, Joonhwan Lee. 2015. TalkingCane: Designing Interactive White Cane for Visually Impaired People's Bus Usage, in MobileHCI 2015: ACM Conference on Human-Computer Interaction with Mobile Devices and Services.

Joonhwan Lee, Donghwan Kim, Inho Won, Jieun Wee, Yaena Jang, Sooyeon Jang, **Heeryung Choi**. 2015. Sentence-level Kinetic Typography Generating System, in *HCI Korea 2015*, in cooperation with ACM and SIGCHI.

Joonhwan Lee, Donghwan Kim, Inho Won, Jieun Wee, Yaena Jang, Sooyeon Jang, **Heeryung Choi**. 2014. Evaluating System-Generated Kinetic Typography Effects for Sentence-Level Text Layout, in *The Korean Institute of Information Scientists and Engineers 2014*.

Joonhwan Lee, Donghwan Kim, Inho Won, Jieun Wee, Yaena Jang, Sooyeon Jang, **Heeryung Choi**. 2014. The Architecture of Automatic Kinetic Typography Effects Generating System, in *Korea Multimedia Society 2014*.

INVITED TALKS

**Heeryung Choi**. 2021. Engineering Learning Analytics Technology Environments (ELATE), University of Michigan, Center of Academic Innovation.

Honors and Awards Outstanding graduate student instructor of the year

2020 - 2021

Samsung Scholarship for PhD program

2016 - 2020

Korean National Research Scholarship

2015

Graduated with honors (Summa Cum Laude)

2014

Seoul National University Merit Scholarship

2011 - 2013

## References

Christopher Brooks, Ph.D. Assistant Professor, School of Information, University of Michigan brooksch@umich.edu

Stephanie Teasley, Ph.D. Research Professor, School of Information, University of Michigan steasley@umich.edu