Heeryung Choi

CONTACT
INFORMATION

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RESEARCH
INTERESTS

Learning science, learning analytics, CSCL, social computing, HCI

EDUCATION

Seoul National University, Seoul, South Korea   **Mar. 2014 - Present**

M.S. in Cognitive Science (expected graduation date: Aug. 2016)
- Advisor: Joonhwan Lee

Seoul National University, Seoul, South Korea   **Mar. 2009 - Feb. 2014**

B.A. in English Education
- Overall GPA : 3.99 / 4.3 (Summa Cum Laude); Upper : 4.06 / 4.3

PUBLICATIONS

Conference Proceedings (Posters)

Je Seok Lee, **Heeryung Choi**, Joonhwan Lee, 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**, 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**, 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**, The Architecture of Automatic Kinetic Typography Effects Generating System. in *Korea Multimedia Society 2014.*

Patents

Automatic Kinetic Typography Effects Generating System for Expressing Emotions. Joonhwan Lee, Donghwan Kim, Jieun Wee, Yaena Jang, Sooyeon Jang, **Heeryung Choi**.(Pending)

RESEARCH
EXPERIENCES

Research Assistant for Neolab Pen Computing Project   **2014 - 2015**
- Evaluated user interfaces of Neolab Pen Computing software, N School Note, for classroom.

Research Assistant for Kinetic Typography Project   **2014 - 2015**
- Established a text-processing algorithm for an automated kinetic typography engine(KIWEE).
- Performed semi-structured interview and experiments in order to evaluate the validity of KIWEE system.

TEACHING
EXPERIENCES

Teaching Assistant for Information Visualization (211.724A-001)   **Fall 2015**
- Offered general support and one-to-one assistance for students.

- Prepared data for student visualization assignment.
- Assisted the professor in the management of students.

Teaching Assistant HCI Theory and Practice (2114.408A-001)   **Spring 2015**

- Introduce students how to use eye-tracker for final projects.
- Assisted the professor in the management of students.

Practicum Teacher at Seoul National University Middle School   **May. 2013**

- Taught 39 ninth-grade students English.
- Mentored 7 ninth-grade students on their school life and future plan.
- Planned daily lessons including objectives, procedures and materials.
- Facilitated collaborative work such as group task, and group debate.

Teaching Volunteer

- Taught disadvantaged eleventh grade students English.   **Jan. 2013**
- Taught disadvantaged elementary students English.   **June. 2009 - Nov. 2009**

Honors and Awards

Samsung Scholarship   **2016 -**

Tuition and living costs covered for Ph.D. studies ($50K per year, for 5 years)

National Research Scholarship   **2015 - present**

Tuition covered (for 1 year)

Summa Cum Laude   **2014**

Graduated with honors (summa cum laude), ranked No.3 from the top

Seoul National University Scholarship   **2011 - 2013 (3 semesters)**

Merit-based scholarship

Activities & Services

Reviewer

CHI 2015 conference

Student Volunteer

CHI 2015 conference, CSCW 2015 conference, CHI 2015 PC meeting

Volunteering Team Leader   **Dec. 2009 - Feb. 2010**

Happy Move Global Volunteer Youth Program

Project Member, Project Manager   **2011 - 2013**

SNU Enactus (Non-governmental organization)

Skills and Expertise

Teacher's Certificate

- Secondary school teaching certificate (Grade) of English language

User Centered Design Research

- Eye-tracking, survey, individual interview, prototyping, contextual inquiry, personas

Programming

- Python, Ruby on Rails, HTML, R

Natural Language Processing

- Python(including NLTK), R

REFERENCES

Joonhwan Lee, Ph.D.
Associate Professor,
Department of Communication,
Seoul National University, South Korea
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Bongwon Suh, Ph.D.
Associate Professor,
Graduate School of Convergence Science & Technology,
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