

Ha Kyung (Hidy) Kong

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Education

University of Illinois Urbana Champaign – Champaign, IL

PhD Candidate in Computer Science

anticipated May 2019

Calvin College – Grand Rapids, MI

Bachelor of Science in Computer Science with honors distinction

May 2013

Bachelor of Arts in Music with honors distinction

May 2013

Research Interests

Human-Computer Interaction (HCI), Social Media, Visual Analytics, and Assistive Technologies

Publications

H. Kong, Z. Liu, and K. Karahalios. “Frames and Slants in Titles of Visualizations on Controversial Topics,” CHI 2018.

H. Kong*, J. Lee*, and K. Karahalios. “A Comparative Study of Visualizations with Different Granularities of Behavior for Communicating about Autism,” CSCW 2018.

*Both authors contributed equally to this work

S. Rahman, M. Aliakbarpour, **H. Kong**, E. Blais, K. Karahalios, A. Parameswaran, and R. Rubinfeld. “I’ve Seen ‘Enough’: Incrementally Improving Visualizations to Support Rapid Decision Making,” VLDB 2017.

H. Kong, Z. Liu, and K. Karahalios. “Internal and External Visual Cue Preferences for Visualizations in Presentations,” EuroVis 2017.

H. Kong and K. Karahalios. “Parental Perceptions, Experiences, and Desires of Music Therapy,” AMIA 2016.

J. Lee, **H. Kong**, S. Lin, and K. Karahalios. “Plexlines: Tracking Socio-communicative Behaviors Using Timeline Visualizations,” AMIA 2016.

H. Kong*, J. Lee*, J. Ding, and K. Karahalios. “EnGaze: Designing Behavior Visualizations with and for Behavioral Scientists,” DIS 2016.

J. Kim, **H. Kong**, K. Karahalios, W. Fu, and H. Hong. “The Power of Collective Endorsements: Credibility Factors in Medical Crowdfunding Campaigns,” CHI 2016.

H. Kong, W. Wu, B. Bailey, and K. Karahalios. “Culture, Imagined Audience, and Language Choices of Multilingual Chinese and Korean Students on Facebook,” SocInfo 2015.

Professional Experience

Research Assistant

Fall 2016 - present

University of Illinois Urbana Champaign – Champaign, IL

- Held bi-weekly meetings with special education professors and graduate students to develop a Family Behavior Support app (FBSapp) to address challenging behaviors of children
- Iteratively developed the design for FBSapp with a design student and implemented the app in Swift

Research Intern

Summer 2016, 2017

Adobe Creative Technologies Lab – San Francisco, CA

- Studied presenters' preferences and uses of visual cues that guide the audience's attention to a particular area of a visualization. Developed a visual cue taxonomy and a visual cue webtool (VisualQ).
- Studied frames and slants in visualization titles and how they affect visualization interpretation.

Teaching Assistant

Fall 2013 - present

University of Illinois Urbana Champaign – Champaign, IL

- INFO103 (\approx 40 students), CS101 (\approx 700 students), CS467 – Social Visualizations (\approx 90 students)
- Taught weekly lab sections for 80 students (CS101) and held weekly office hours
- Reviewed the weekly paper critiques (CS467), and led two lectures on visualizations

Website Developer

Summer 2012 - Spring 2013

Calvin College – Grand Rapids, MI

- Designed and implemented the parsing of a hymn database website
- Worked with different types of XML files and published books on Amazon and iBook

Tutor

Fall 2010 - Spring 2013

Calvin College – Grand Rapids, MI

- Courses: 'Intro to Psychology,' 'Abnormal Psychology,' 'Intro to Programming,' 'Data Structures and Algorithms,' 'Music Theory I & II' and 'Music History II'
- Explained concepts to college students and helped them with homework

Relevant Skills

- Proficiencies in Python, C++, HTML, JavaScript, XML, Swift, and D3
- Experience with C, C#, Perl, Java, PHP, MySQL, and XSLT

Selected Honors and Awards

- Marion Morse Wood Fellowship 2018-2019
- Grace Hopper Celebration of Women in Computing (GHC) Student Scholarship 2017
- Outstanding Teaching Assistant Award Fall 2014
- Trustee Scholarship 2009-2013
Awarded to top 3% of first-year students accepted
- CCA Computing Award 2013
Awarded to the top graduating senior in computer science