

JOY KIM

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Education

STANFORD UNIVERSITY *Stanford, CA* (2011 - expected 2016)

- PhD, Computer Science (Human-Computer Interaction)

UNIVERSITY OF WASHINGTON *Seattle, WA* (2007-2011)

- BS, Computer Science, GPA 3.8

Skills

Web Technology

HTML, CSS, JavaScript, PHP, MySQL, Ruby on Rails

Programming Languages

Java, C/C++, SuperCollider

Development Tools

Eclipse, Visual Studio

Version Control System

Git, Subversion (SVN)

Issue Tracking

BugZilla, Mantis

Spoken Languages

Korean, some Japanese

Experience

Stanford University, CS 147 Teaching Assistant *Stanford, CA* (Sept 2012 – Dec 2012)

CS 147 is the introductory human-computer interaction class.

- Coached students in designing and creating a mobile web application over 10 weeks. HTML/CSS/PHP/JS.
- Acted as head TA for the online Coursera version of the course: answered students' questions about lectures and assignments and organized biweekly grading sessions with online TAs.

WhitePages, Software Engineering Intern *Seattle, WA* (June 2012 - Sept 2012)

WhitePages is an online provider of contact information for people and businesses in the U.S.

- Implemented the overhaul of a high-revenue phone lookup page on the main WhitePages website. Ruby on Rails.

WhitePages, Software Engineering Intern *Seattle, WA* (June 2011 - Sept 2011)

- Developed front-end for the WhitePages Neighbors event invite service. Ruby on Rails.

MobileASL Project (UW), Undergraduate Researcher *Seattle, WA* (April 2009 - June 2011)

MobileASL is a mobile video phone application that uses a video codec optimized for sign language conversation.

- Developed back-end and front-end of the MobileASL mobile phone application. C++/Java.
- Created tools for collecting usage data and helped run user studies.
- Analyzed data from user studies.
- Organized engineering outreach events for high school students.

Undergraduate Research Program (UW), Staff Assistant *Seattle, WA* (Sept 2008 - June 2009)

The URP at UW connects undergraduates to research opportunities with UW faculty.

- Maintained Undergraduate Research Program website. HTML/CSS/JS.
- Created flyers and other documents for program outreach.
- Participated in outreach events to inform students about research opportunities on campus.

Publications

- **J. Kim**, J. Ricaurte, "TapBeats: Accessible and Mobile Casual Gaming," *Proceedings of ASSETS 2011: The 13th International ACM SIGACCESS Conference on Computers and Accessibility*, Dundee, Scotland, October 24-26, 2011. New York: ACM Press, pp. 285-285.

- J. Tran, **J. Kim**, J. Chon, E. Riskin, R. Ladner, and J. Wobbrock, "Evaluating Quality and Comprehension of Real-Time Sign Language Video on Mobile Phones," *Proceedings of ASSETS 2011: The 13th International ACM SIGACCESS Conference on Computers and Accessibility*, Dundee, Scotland, UK, October 24-26, 2011. New York: ACM Press, pp. 115-122.
- **J. Kim**, J. Tran, T. Johnson, R. Ladner, E. Riskin, and J. Wobbrock, "Effect of MobileASL on Communication among Deaf Users," *Extended Abstracts of the ACM Conference on Human Factors in Computing Systems (CHI '11)*, Vancouver, BC, Canada, May 7 – 12, 2011. New York: ACM Press, pp. 2185-2190.
- J. Tran, T. Johnson, **J. Kim**, R. Rodriguez, S. Yin, E. Riskin, R. Ladner, and J. Wobbrock, "A Web-Based User Survey for Evaluating Power Saving Strategies for Deaf Users of MobileASL," *Proceedings of ASSETS 2010: The 12th International ACM SIGACCESS Conference on Computers and Accessibility*, Orlando, FL, October 25-27, 2010.

Activities

- **Undergraduate Research Leader, Undergraduate Research Program (UW)**, 2011
- **Participant, UW Engineering Research Experience for Undergraduates (UW)**, 2009, 2010
- **President, Graphic Novel Society at UW**, 2008 - 2010

Awards and Honors

- **NSF Graduate Research Fellowship**, April 2011
- **Mary Gates Research Scholarship, University of Washington**, Dec 2010
- **CRA Outstanding Undergraduate Researchers Award Honorable Mention**, Dec 2010