

GAHGENE GWEON

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EDUCATION

Carnegie Mellon University (present) PhD student in Human Computer Interaction Institute
Carnegie Mellon University (Aug 2004) Master Human Computer Interaction
Univ. of California at Berkeley (May 2002) B.A. in Computer Science, B.A. in Economics

SELECTED PUBLICATION

<Please refer to CV for the full list of publications>

- * Gweon, G. Providing Insight into Group Processes. Doctoral Consortium, CHI 2008.
- * Gweon, G., Bergman, L., Castelli, V., Bellamy, R. Evaluating and Automated Tool to Assist Evolutionary Document Generation. In Proc. VLHCC 2007.
- * Rose, C., Gweon, G., Arguello, J., Finger, S., Smailagic, A., Siewiorek, D. Towards an Interactive Assessment Framework for Engineering Design Project Based Learning. in Proc. DETC 2007.
- * Gweon, G., Rose, C., Albright, E., Cui, Y. Evaluating the Effect of Feedback from a CSCL Problem Solving Environment on Learning, Interaction, and Perceived Interdependence. In Proc. CSCL 2007.
- * Gweon, G., Rose, C., Carey, R., Zaiss, Z. Providing Support for Adaptive Scripting in an On-Line Collaborative Learning Environment. *In Proc. CHI(2006)*. Nominated for Best Paper Award.
- * Gweon, G., Ngai, J., Rangos, J. Enticing Middle School Girls to Programming. *In Proc. INTERACT (2005)*, 431-442.
- * Gweon, G., Rosé, C., Wittwer, J., Nueckles, M. Supporting Efficient and Reliable Content Analysis using Automatic Text Processing Technology. In Proc. *INTERACT (2005)*, 1112-1115.
- * Domingo, M., Gweon, G., Rangos, J. Shake it! *In Proc. ACM CHI (2004)*, v.2 p.1675-1679
- * Rose, C., Donmez, P., Gweon, G., Knight, A., Junker, B., Cohen, W., Koedinger, K., Heffernan, N. Automatic and Semi-Automatic Skill Coding With a View Towards Supporting On-Line Assessment, In Proc. *AI in Education (2005)*

EXPERIENCE

Research Intern.

IBM, T.J. Watson Research Center, Hawthorne, NY (May 2006 - August 2006)
Internship. Design, implemented a study for evaluating collaborative aspect of DocWizards, a tool for which automatically generates and replays procedural documentation

Research Assistant II.

Carnegie Mellon University, Pittsburgh, PA (May 2004 - May 2005)
Full Time. Lead for a project developing an environment to support researchers in building dialogue based help systems and facilitate dialogue related research. Develop and conduct user testing for studies which examine the impact of different characteristics of peer learners on their partner's performance and learning

Software Engineer.

Samsung Advanced Inst. of Technology, Seoul, Korea (April 2003 - July 2003)
Internship. Design, implement and test voice user interface for voice based planner and voice based universal remote control

Software Engineer. BravoBrava, Union City, CA (June 2002 - Dec 2002)

Internship. Worked on the code for a smart fridge which is part of smart home system called MiHome which includes face recognition, voice recognition, and handwriting recognition

Software Engineer. Gene Logic Inc., Berkeley, CA (Summer 2001)

Internship. Worked in UI department implementing an application that parses an OQM file, displays its content in a tree view, allows the user to edit the tree in various ways, and reflects changes in the file.

Lab Assistant III. Public Health, UC Berkeley (January 2000 - Spring 2002)

Part time. Database management for leukemia study research in the School of Public Health. Operate, service, and perform maintenance in all computer labs in School of Public Health. Served as consultant to students regarding rudiments of computer hardware and software operation.

AWARDS

Received full tuition scholarship from LeeJongWhan Foundation (Academic year 2003-2004)
Received scholarship from UC Berkeley International Office
Received scholarship from SATII Korean Foundation

SKILLS

- * Usability Methods (Teaching Assistant for Master program methods): Contextual Inquiry/ Design, Cognitive Walkthrough, Heuristic Evaluation, KLM-GOMS, Think Aloud, Survey, Interview, Data Analysis
- * Microsoft Certified Professional - Developing Window based Applications with C# & VS.NET
- * Programming: Java, Swing, C, C++, C#, Scheme, Common LISP, MIPS assembly, XML
- * Fluent in both English and Korean Language