EUNJEONG KO

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619.560.6655 | eko@ucsd.edu

EDUCATION

UC San Diego
Ph.D. in Computer Music (Specialization: Machine Improvisation)
San Diego, CA
Sep.2016-Present

Seoul National University
M.S. in Engineering (Specialization: Human-Computer Interaction)
Seoul, Korea
Mar.2012-Feb.2014

Ewha Womans University
B.S. in Computer Science and Engineering
Seoul, Korea
Mar.2008-Feb.2012

RESEARCH INTEREST

Music Information Retrieval, Signal Processing, Machine Learning, Statistical Modeling, Music Cognition, Human-Computer Interaction

EMPLOYMENT

Music Department, UC San Diego
Dubbing Assistant
San Diego, CA
Jan.2017–Present

Center for Research in Entertainment and Learning, UC San Diego
Research Assistant. Mentor: Shlomo Dubnov
San Diego, CA
Sep.2016–Present

Software R&D Center, Samsung Electronics
Assistant Engineer
Suwon, Korea
Mar.2014–Jul.2015

Music & Audio Research Group, Seoul National University
Research Assistant. Mentor: Kyogu Lee
Suwon, Korea
Jan.2012–Feb.2014

Music Service Team, Naver Corporation
Winter Intern
Seongnam, Korea
Jan.2013–Feb.2013

Interactive VR/AR Media Lab, Ewha Womans University
Research Assistant. Mentor: Yanghee Nam
Seoul, Korea
Jun.2010-Sep.2010

HONORS & AWARDS

Google Anita Borg Scholarship
Google
2013

Software Maestro Scholarship
Ministry of Knowledge Economy in Korea
2011

Student Portfolio Competition
2nd Place, awarded by Department of Engineering, Ewha Womans University
2011

Ewha Womans University Scholarship
Merit-based scholarships for 4 semesters
Mar.2010-Feb.2012

Independent Study Scholarship
Research grant awarded by Noyeop Cultural Foundation
Mar.2009-Feb.2012

PUBLICATIONS

[2] From Music to Programming: Designing Method for Introductory Programming Using Musical Metaphor and Auditory Feedback.
Eunjeong Ko.
Master's Thesis, Seoul National University, 2014.

[1] Using Music Notation for Teaching Computer Programming.
Eunjeong Ko & Kyogu Lee.
ICCE 2013: International Conference on Computers in Education.

PATENTS

[2] Method of Recommending a Reply Message and Apparatus thereof.
Eunjeong Ko, Deokho Kim, Haejun Lee & Seunghak Yu.
2015 Formal Patent Application Issued, Korea Patent Application 20150123491.

[1] Method of Recommending a Reply Message and Apparatus thereof.
Eunjeong Ko, Deokho Kim, Haejun Lee, Taeyeun Yang, Volodymyr Zubariev, Jihyun Rho & Hojin Jung.
2015 Formal Patent Application Issued, Korea Patent Application 20150076488.

EXHIBITIONS

HyperFish.
Eunjeong Ko, Yanghee Nam & Taiyun Kim.
Incheon International Digital Media Art Festival 2010 (Augmented Reality Application Exhibition).

SKILLS

Proficiency in **Python, Java, Objective C, Matlab,** C, C# & ActionScript.
Experience in OpenGL, HTML5, PHP, JSP, JavaScript & CSS.
Experience in R (Statistics tools).

ACTIVITIES

Grace Hopper Conference Travel Grant   2015
Google;
Selected as a travel grant recipient to attend the GHC 2015 among 9 female engineers in APAC areas

Qualcomm IT Tour Travel Grant   2011
Qualcomm;
Selected as a travel grant recipient to visit Qualcomm Headquarter in San Diego/UC San Diego among
30 students in Korea

Ewha App Center   Jun.2011-Dec.2011
Ewha Womans University;
As one of founding members of the club, led a team for designing and implementing mobile applications

Ewha Chorus   Sep.2008-Dec.2010
Ewha Womans University;
Organized and participated annual concert of the choir three times, with 40 members and 500+ audiences

REFERENCES

Shlomo Dubnov, sdubnov@ucsd.edu
Associate Professor, UC San Diego

Kyogu Lee, kglee@snu.ac.kr
Associate Professor, Seoul National University