

## Eunyoung Moon

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### RESEARCH INTERESTS

Open collaboration, Free/Libre Open Source Software (FLOSS) development, Open source scientific software maintenance; Organizational Studies, Software Engineering

### TEACHING INTERESTS

Data Management (Databases, Excel, Python), Research methods (mixed-methods, systematic case comparison)

### EDUCATION

University of Texas at Austin, Austin, TX, USA

PhD candidate, School of Information, September 2011- Present

Committee: James Howison (Chair), Diane Bailey, Karen Wickett, Wenhong Chen

Dissertation: Do open projects “break the mirror” between organizational and product structure?:  
Re-conceptualization of organizational configurations in Free/Libre Open Source Software  
(FLOSS) development

KAIST (Korea Advanced Institute of Science and Technology), Daejeon, South Korea

M.S. Graduate School of Culture Technology, February 2010

Committee: Steve SangKi Han (Chair), JuneHwa Song, and ChungKon Chi

Thesis: A qualitative method to find influencers using similarity-based approach in the  
blogosphere

Ewha Womans University, Seoul, South Korea

B.S. Computer Science and Engineering, February 2007

Graduated summa cum laude with the greatest honor (GPA: 4.09/4.30)

### REFEREED PUBLICATIONS

#### **Work In Preparation**

**Moon, E.,** and Howison, J. (In preparation). Beyond the open source way of working: Organizational configurations for Large-scale refactoring in Open Source Software (OSS) production.

#### **Journal Article**

**Moon, E.,** and Han, S. (2011). A qualitative method to find influencers using similarity-based approach in the blogosphere, *Int. J. Social Computing and Cyber-Physical Systems*, Vol. 1, No. 1, pp.56-78. (Invited for Publication)

#### **Conference Proceedings**

**Moon, E.,** and Howison, J. (2014). Modularity and Organizational Dynamics in Open Source Software (OSS) production. *The 20th Americas Conference on Information Systems (AMCIS)*. Georgia. USA.

**Moon, E.** (2013). Gendered Patterns of Politeness in Free/Libre Open Source Software Development, In *Proceedings of 46<sup>th</sup> Hawaii International Conference on System Sciences (HICSS)*, Maui, Hawaii, USA. **Best Paper Nomination**

**Moon, E.,** and Han, S. (2010). A qualitative method to find influencers using similarity-based approach in the blogosphere, In *Proceeding of the second IEEE International Conference on Social Computing (SocialCom)*, MN, USA (**Acceptance rate=13%**)

#### **Peer-Reviewed Conference Workshops**

**Moon, E.,** and Howison, J. (2016): Do open projects “break the mirror”? Re-conceptualization of organizational configurations in Open Source Software (OSS) production. The 9<sup>th</sup> International Workshop on Cooperative and Human Aspects of Software Engineering (CHASE) held in conjunction with the 38<sup>th</sup> International Conference on Software Engineering (ICSE), Austin, Texas, USA. ACM.

**Moon, E.,** and Howison, J. (2015): Organizational circumstances for Large-scale Refactoring in Open Source Software (OSS) production. IFIP WG8.2 Organizations and Society in Information System (OASIS) held in conjunction with the 2015 International Conference on Information Systems (ICIS), Fort Worth, Texas, USA.

Gil, Y., **Moon, E.,** and Howison, J., (2014): Learning about Open Collaborative Software Practices: The Software Challenges of Early Career Geoscientists. 2<sup>nd</sup> Workshop on Sustainable Software for Science: Practice and Experiences (WSSSPE2), held in conjunction with the IEEE ACM International Conference on High Performance Computing (SC), New Orleans, Louisiana, USA.

#### **Doctoral Symposia**

**Moon, E.** (2016). Do open projects “break the mirror”? Re-conceptualization of organizational configurations in Free/Libre Open Source Software (FLOSS) development. *The 11<sup>th</sup> IEEE International Conference on Global Software Engineering (ICGSE)*, Orange County, California, USA.

**Moon, E.** (2013). Free/Libre Open Source Software users’ Local Face-to-Face Meetings in Career-Related Activities. *The 9<sup>th</sup> International Conference on Open Source Systems (OSS)*, Slovenia.

#### **Conference Presentation**

Barker, L.J., Broussard, R., Buchanan, S., Carter, D., Gruning, J., Gursoy, A., Kazim, N., **Moon, E.,** Ocepek, M., and Simons, R. (2015). 21<sup>st</sup> Century Information Workers: What core Competencies Should MSIS Students Learn?, *iConference*, Newport Beach, California, USA.

#### **Conference Posters**

**Moon, E.,** and Howison, J. (2013). Network effects and valuing social network services. *Proceedings of the ACM 2013 conference on Computer Supported Cooperative Work (CSCW) Companion*. San Antonio, Texas, USA.

**Moon, E.,** Yoon, H., and Choi, B. (2006). An approach of component-based context aware application development, In *Proceeding of Korean Institute of Information Scientists and Engineers (KIISE)*, Seoul, Korea.

### **RESEARCH PROJECTS**

#### **School of Information, University of Texas at Austin**

Information Professionals: User Experience/Information Architecture (UX/IA) work practices and Library and Information Science (LIS) education programs

Graduate Research Assistant (GRA)

Faculty: *Lecia Barker*, June 2014-August 2014

Sustainability for Cyberinfrastructure: Enabling transition from grant funding to open source peer production

Graduate Research Assistant (GRA)

Faculty: *James Howison*, September 2013-May 2014

Crowding-out effects and Power Dynamics in Open Source Software development  
Cultivating Digital Librarianship Faculty (CDLF) Program  
Faculty: *James Howison*, January 2013- May 2013

Research on Faculty Change: Adoption of Practices that Support Gender Diversity in Undergraduate Computing  
Cultivating Digital Librarianship Faculty (CDLF) Program  
Faculty: *Lecia Barker*, October 2012- December 2012  
Role: Interview transcriber

Network effects and Valuing social network services  
Cultivating Digital Librarianship Faculty (CDLF) Program  
Faculty: *James Howison*, January 2012- May 2012

### **Social Computing Lab, KAIST**

A research on the convergence of broadcasting and telecommunications employing social computing for discovering and applying new services  
Electronics and Telecommunication Research Institute (ETRI), Daejeon, South Korea  
Faculty: Steve SangKi Han, June 2009- August 2009

### **Culture Planning and Management Lab, KAIST**

A study for modifying contents of the exhibition of Gyeonggi-do Children Museum  
Gyeonggi Children Museum, Gyeonggi-do, South Korea  
August 2008- December 2008

Exhibition Planning for 'Artist, what is science for you?'  
National Museum of Contemporary Art, Gyeonggi-do, South Korea  
August 2008- November 2008

A study for remodeling of the exhibition and facility of the National Science Museum  
National Science Museum, Daejeon, South Korea  
June 2008- October 2008

### **Software Engineering Lab, KAIST**

Information Technology Research Center (ITRC), Software Engineering Process Improvement  
Ministry of Information and Communication, South Korea  
Advisor: DooHwan Bae, June 2007- August 2007

## **ACADEMIC EXPERIENCE**

### **Instructor**

INF 315E: Introduction to Databases  
Spring 2016, Fall 2015, Spring 2015

*Description:* Authored course content, developed learning activities, and taught Relational database design (Conceptual/Logical/Physical database design, Normalization) & MySQL (various operators, functions, subqueries, how to optimize queries) to undergraduates face-to-face in a computer lab.

### **Teaching Assistant**

INF 385T: Data Wrangling from Excel to SQL & Beyond  
Faculty: *James Howison*, Fall 2016

*Description:* Attend classes to assist graduate students to understand course materials (Relational

database design, MySQL, Excel, and Python programming), and to work on in-class exercises. Hold office hours to provide further assistance. Design part of assignments, and Grade assignments.

INF 385M: Database Management

Faculty: *James Howison*, Spring 2014

*Description:* Attended classes to assist graduate students to understand course materials (Relational database design, MySQL, HTML, and PHP), and to engage in in-class exercises. Graded assignments.

### **Research Assistant**

Social Computing Lab, Graduate School of Culture Technology, KAIST, Daejeon, South Korea

*Advisor:* Steve SangKi Han, December 2010- February 2011

### **Graduate Research Assistant**

Social Computing Lab, Graduate School of Culture Technology, KAIST, Daejeon, South Korea

*Advisor:* Steve SangKi Han, February 2009- February 2010

### **Graduate Teaching Assistant**

Graduate Seminar, Graduate School of Culture Technology, KAIST, Daejeon, South Korea

Faculty: *Dean of GSCT KwangYeon Wohn*, Spring 2008-Fall 2008

### **Graduate Research Assistant**

Software Engineering Lab, Computer Science Department, KAIST, Daejeon, South Korea

*Advisor:* DooHwan Bae, May 2007- December 2007

## **PROFESSIONAL EXPERIENCE**

### **Research Intern**

Department of Open Software Solution, ETRI (Electronics and Telecommunication Research Institute), Daejeon, South Korea

*Advisor:* YoungChoon Woo, December 2005-February 2006

## **SERVICE**

### **Reviewer**

2017 ACM Computer-Supported Cooperative Work (CSCW)

2016 Journal of Software: Evolution and Process

2016 International Conference on Information Systems (ICIS)

2014 Americas Conference on Information Systems (AMCIS)

2013 Hawaii International Conference on System Sciences (HICSS)

## **HONORS**

UT Graduate Dissertation Writing Fellowship, Spring 2017

School of Information, University of Texas at Austin

UT Graduate Fellowship, Summer 2016

School of Information, University of Texas at Austin

UT Professional Development Award, Spring 2016

School of Information, University of Texas at Austin

Benonine Muse Scholarship, Fall 2015-Spring 2017

School of Information, University of Texas at Austin

Dr. Lee-hsia Hsu Ting Endowed Graduate Fellowship, Fall 2011- Spring 2015

School of Information, University of Texas at Austin

Cultivating Digital Librarianship Faculty (CDLF) Scholarship, Fall 2011- Spring 2013

School of Information, University of Texas at Austin

Mentor: *Lynn Westbrook*

KAIST Scholarship, Spring 2008- Fall 2008

Ministry of Culture and Tourism, South Korea

National Scholarship, Spring 2007- Fall 2007

Computer Science Department, KAIST, South Korea

Honor Scholarship for Outstanding Academic Achievement, Spring 2006- Fall 2006

Kwanjeong Educational Foundation, South Korea

Honor Scholarship for Outstanding Academic Achievement, Spring 2005

President of Ewha Woman University, South Korea

Honor Scholarship for Outstanding Academic Achievement, Fall 2003- Spring 2005, Fall 2006

Ewha Womans University, South Korea

Dean's List, Spring 2003- Fall 2004, Spring 2006- Fall 2006

Ewha Womans University, South Korea