SOYA PARK

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EDUCATION

Massachusetts Institute of Technology   *Sep 2017 -*
Ph.D. Candidate in Computer Science, Advisor: Prof. David Karger

Korea Advanced Institute of Science and Technology
B.S. in Computer Science & Cultural Technology (minor), Early university entrance & Graduate with honors

AREA OF INTERESTS

HCI, End-user programming, Personal information management, Social computing

PUBLICATION

Park, S., Kerry Chang, Edward Benson, *A Rule-authoring System to Enable End-User In-The-Loop Machine Learning.* UIST '19 PLATEAU (to appear), ACM.

Park, S., Amy Zhang, Luke Murray, and David Karger, *Authoring Email Automation Rules.* CHI '19 AUTOMATION, ACM.

Park, S., Amy Zhang, Luke Murray, and David Karger, *Opportunities for Automating Email Processing: A Need-Finding Study.* CHI '19, ACM.

Park, S., Amy Zhang, and David Karger, *Post-literate Programming: Linking Discussion and Code in Software Development Teams.* UIST '18 Poster, ACM.

Cho, I.*, Soya Park*, et al, *Practical message-passing framework for large-scale combinatorial optimization.* Big Data '15, IEEE. * The first two authors contributed equally to this work

Park, S., et al, *RCV: Network Monitoring and Diagnostic System with Interactive User Interface.* CTS '16, IEEE.

Park, S., et al, *Poster: Accurate schedule alarming based on User profiling.* MobiSys '16, ACM.

Yang, W., Soya Park, et al, *LAMF: Lighting Adjustment for Mood by Food: RFID Based Context Aware Food Ordering and Lighting Control System at Restaurants.* ICISA '13, IEEE.

AWARDS AND SCHOLARSHIPS

Presenter at MIT Schwarzman College of Computing Launch   *Winter 2019*

Cadence Woman Scholarship Win cash prize ($5,000)   *Fall 2018*

Kwanjeong Scholarship   *Fall 2017 -*
Tuition fees and living expense for 10 semesters funded by the foundation (Supplemented by MIT)

Akamai Scholarship Travel fund   *Fall 2017 -*

MIT Deans of Student Life Fellowship   *Fall 2017*

KAIST College of Engineering Dean's List   *Spring 2016*

Grand Prix in Undergraduate Research Participation Program   *Fall 2015*

Undergraduate Research Participation Scholarship   *Dec 2014 - Jul 2015*

National Excellence Scholarship   *Sep 2011 - June 2015*
Tuition fees and living expense for 8 semesters fully funded by the government

National Presidential Award *2010*

Selected as one of 50 excellent students in science & technology field by the President of South Korea. Win cash prize ($3,000)

EXPERIENCE

Instabase *May - Aug 2019*

Research Intern , Advisor: Dr. Kerry Chang

Develop rule-based end-user programming tools for improving machine learning model

Interaction Laboratory KAIST *Aug 2016 - Aug 2017*

Researcher , Advisor: Prof. Juho Kim

Work on a data-driven community communication platform helping raising awareness and engaging discussions

MIT-Harvard-MGH Boston, MA *Jun 2015 - Aug 2015*

Summer Intern , Advisor: Prof. Benjamin Vakoc

Develop a interactive multi-functional optics imaging UI & algorithm for image registration

Cisco Systems San jose, CA

Full-time Intern , Advisor: Dr. Susie Wee, VP/CTO *Jun 2013 - Jun 2014*

Part-time Intern , Advisor: Mr. Christoper Metz, Distinguished Engineer *Jun 2014 - Jun 2015*

Develop a collaboration tool for network operators

TEACHING

6.894 Interactive Data Visualization *Spring 2019*

Teaching Assistant , Instructor: Prof. Arvind Satyanarayan, MIT CSAIL

High school programming tutor *Fall 2016*

Organizer , Advisor: Prof. Sukyoung Ryu, Sungju Lee, Shin Yoo, Dongsu Han

Lead & design high school programming education.

Programming academy instructor *Summer 2015 - 2016*

Mentor & instructor

Instruct middle and high school students with broad range of programming experience.

EXTRACURRICULAR ACTIVITIES

MIT Club Golf *Fall 2017 -*

Treasurer 2018 -

ACM student chapter *Spring 2016 - 2017*

Founder, Chair , Advisor: Prof. Sukyoung Ryu, Sungju Lee, Shin Yoo, Dongsu Han

Found the very first chapter in Korea. Publish technical & mentoring newsletter

KAIST Times *Spring 2011 - 2013*

Chief of Editor

Official newspaper of KAIST publishing over 4,000 copies biweekly