JAESEOK YOON

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EDUCATION

Korea Advanced Institute of Science and Technology (KAIST)   *2022.03 - Present*
M.S. in Artificial Intelligence

Soongsil University   *2009.03 - 2015.02*
B.S. in Computer Science and Engineering (GPA 4.05/4.5)

WORK EXPERIENCE

Samsung Electronics - Mobile eXperience Division   *2015.02 - Current*
Staff Engineer

· AI Team - Implement "Bixby Suggestion" using user contexts and app usage data
· SW Product Team - Implement "Bixby Home" Android Application

Korea Electronics Technology Institute - IoT Platform Center   *2014.05 - 2014.11*
Researcher

· WFMS (Wind Farm Management System) - A system that can simulate a wind farm in real time
· VPP (Virtual Power Plant System) - A system that integrates renewable energy generators, demand response resources, energy storage systems and other decentralized resources to manage them as a whole

Samsung Software Membership   *2013.07 - 2014.12*
Software Developer (Elite Member)

· DOWELL - Dwell-time Based Smartphone Control Solution for People with Upper Limb Disabilities
· Pass U - A solution that shares input devices (such as keyboard and mouse) between Android and PC

Yonhap Infomax   *2010.01 - 2012.03*
Software Developer

· Infomax 3.0 - A solution that provides some financial information as desktop, smartphone application

AWARDS

Best Programmer of the Month, *Samsung Electronics*	*2021.04*
First Prize, Work Smart Contest, *Samsung Electronics*	*2017.12*
Minister's Award, 2017 KOSS Contribution, *NIPA*	*2017.10*
Employee of the Month, *Samsung Electronics*	*2017.01*
Excellent Award, The 5th Bluehack Hackaton, *Samsung Electronics*	*2016.04*
Adobe Design Achievement Awards, 2015 Honorable Mention *Adobe EDU*	*2015.10*
Best Paper Award, *KHCI2015*	*2014.12*
Minister's Award, The 26th Global SW Contest, *Ministry of Science-ICT and Future planning*	*2014.12*

ACADEMIC PAPER

- **Adapting Text-based Dialogue State Tracker for Spoken Dialogues**
  Jaeseok Yoon*, *Seunghyun Hwang*, Ran Han, Jeonguk Bang, Kee-Eung Kim*
  SIGDIAL x INLG 2023 Worshop: Dialogue State Tracking Challenge 11

- **DOWELL: Dwell-time Based Smartphone Control Solution for People with Upper Limb Disabilities**
  *Hyunjin Ahn, **Jaeseok Yoon**, Gulji Chung, Kibum Kim, Jiyeon Ma, Hyunbin Choi, Donguk Jung, Joongseek Lee*
  CHI Extended Abstracts 2015, DOI:10.1145/2702613.2732862

- **Smartphone control solution based on Dwell for people with upper limb disorders**
  *Hyunjin Ahn, **Jaeseok Yoon**, Kibum Kim, Gulji Chung, Hyunbin Choi, Jiyeon Ma* **KOREA HCI** 2015, Best Paper Award, Vol.2014 No.12[2014]

PATENTS

[US]Method for providing card recommendation information and device thereof *2020.02*
Appl.No. - US16/640534

[US]Hello Bixby Notification *2018.04*
Appl.No. - US15/966990, Pub.No. - US10929009

[US]A method of application lifecycle management *2016.12*
Appl.No. - US15/385171, Pub.No. - US20180173526A1

[US]Method of Receiving User input by Detecting movement of user and Apparatus thereof *2015.12*
Appl.No. - US14/980573, Pub.No. - US 20160188021

EXHIBITION AND PRESENTATION

Training for new employees, *Samsung Electronics*	*2016.01 - 2016.12*
UNESCO International Conference Exhibition, *UNESCO, India/New deli*	*2014.11*
Excellent Project Exhibition, *Samsung Electronics*	*2014.10*
Technical Competitions Keynote, *Samsung Software Membership*	*2014.10*
TEDxSAMSUNG(salon) Presentation, *Samsung Electronics*	*2014.09*
Excellent Project Exhibition, Samsung CDP Exhibition, *Samsung Software Membership*	*2014.08*

OTHER EXPERIENCES

Google Developer Group *2012.09 - 2021.07*
Organizer
· Organize and operate developer community
· Plan some events for Google Technology

PRESS AND MEDIA

App opens up smartphone use for people with arm paralysis
Computerword, NEWS

Samsung Dowell Assists Persons With Upper Limb Disabilities Using Smartphones
Muscular dystrophy news today

Смартфон може да се управлява и без ръце, доказа Samsung
PC world, NEWS