

Chunjong Park

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RESEARCH INTERESTS Ubiquitous Computing, Human-Computer Interaction

EDUCATION **University of Washington** SEP. 2017 ~
Ph.D., Computer Science & Engineering, (*Advisor: Shwetak Patel*)

Korea Advanced Institute of Science and Technology (KAIST) FEB. 2017
M.S., Computer Science, (*Advisor: Sung-Ju Lee*)

Korea Advanced Institute of Science and Technology (KAIST) FEB. 2015
B.S., Computer Science, (*Advisor: Sue Moon*)

RESEARCH EXPERIENCES **Ubicomp Lab., University of Washington** SEATTLE, WA
Research Assistant SEP. 2017 ~
Designing and building mobile health application that can be used easily and safely by ordinary people.

Snap Inc. SEATTLE, WA
Research Intern JUN. 2019 ~
(Manager: Andrés Monroy-Hernández)
Building a non-textual communication application on smartphone and wearable by seamlessly recommending appropriate avatars that represent user's current context.

Nokia Bell Labs CAMBRIDGE, UK
Research Intern JUN. 2018 ~ SEPT. 2018
(Manager: Fahim Kawsar, Mentors: Alberto Gil Ramos, Sourav Bhattacharya)
Built well-curated audio dataset and a deep learning model on IoT devices for understanding ambient contexts.

Networking & Mobile Systems Lab., KAIST DAEJEON, KOREA
Research Assistant MAR. 2015 ~ JUL. 2017
Worked on exploring context-aware smartphone notification management, understanding thermal characteristics of smartphones, and exploring better use of micro spare time.

Advanced Networking Lab., KAIST DAEJEON, KOREA
Undergraduate Researcher JUL. 2014 ~ MAR. 2015
Worked on improving TCP congestion control in a datacenter. Designed and implemented a module that measures latency of TCP packets with a sub-microsecond accuracy.

PUBLICATIONS Fire in Your Hands: Understanding Thermal Behavior of Smartphones
Soowon Kang, Hyeonwoo Choi, Soo Young Park, **Chunjong Park**, Jemin Lee, Uichin Lee, and Sung-Ju Lee
ACM Conference on Conference on Mobile Computing and Networking (MobiCom), Oct. 2019

“Don’t Bother Me. I’m Socializing!”: A Breakpoint-Based Smartphone Notification System
Chunjong Park, Junsung Lim, Juho Kim, Sung-Ju Lee, and Dongman Lee
ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW), Feb. 2017

Zaturi: We Put Together the 25th Hour for You. Create a Book for Your Baby
Bumsoo Kang, Chulhong Min, Wonjung Kim, Inseok Hwang, **Chunjong Park**, Seungchul Lee, Sung-Ju Lee, and Junehwa Song
ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW), Feb. 2017

DX: Accurate Latency-based Congestion Feedback for Datacenters
Changhyun Lee, **Chunjong Park**, Keon Jang, Sue Moon, and Dongsu Han
IEEE/ACM Transaction on Networking, Feb. 2017

Accurate Latency-based Congestion Feedback for Datacenters
Changhyun Lee, **Chunjong Park**, Keon Jang, Sue Moon, and Dongsu Han
USENIX Annual Technical Conference (ATC), Jul. 2015

WORK EXPERIENCES	Content N <i>Lead Software Engineer</i> Designed and developed back-end systems for a mobile arcade game, <i>Sushi Master</i> , using Amazon AWS, Node.js, MongoDB, and Redis. Developed data analysis tool and web interface for game statistics.	SEOUL, KOREA OCT. 2013 ~ MAR. 2014
	Company 100, Inc. <i>Software Engineer</i> Designed and developed back-end systems for a mobile action-RPG game, <i>MetalBreaker</i> , using Amazon AWS, Node.js, MongoDB, and Redis. Developed data analysis tool and web interface for game statistics.	SEOUL, KOREA MAR. 2012 ~ OCT. 2013
	SQISoft, Inc. <i>Software Engineer</i> Developed billing system for heat & electricity, and face recognition-based immigration clearance system deployed at the Incheon Int'l Airport.	SEOUL, KOREA DEC. 2010 ~ MAR. 2012
	Nexon Corp. <i>Intern</i> Developed an in-game chat module in <i>BubbleFighter</i> online game.	SEOUL, KOREA SEP. 2010 ~ DEC. 2010
TEACHING EXPERIENCE	Teaching Assistant Introduction to Computer Communication Networks	University of Washington WINTER 2018, FALL 2017
	Teaching Assistant Introduction to Computer Networks	KAIST SPRING 2016, SPRING 2015
	Teaching Assistant Networking for Smartphone Systems and IoT	KAIST FALL 2015
PROGRAMMING SKILLS	<ul style="list-style-type: none">• Language: C, C++, Java, Javascript(Node.js), Python, Objective-C, Swift• OS/Platform: Linux(Ubuntu), Android, iOS/WatchOS• Hardware: Arduino• Database: MongoDB, Redis, MySQL• Framework/Library: OpenCV, scikit-learn, PyTorch• Version Control: Git(GitHub, GitLab)	
ACADEMIC SERVICES	Reviewer	IMWUT 2018, 2019 CHI 2019, 2020 MobileHCI 2019
AWARDS	Outstanding Teaching Assistant Award Outstanding M.S. Thesis Award Outstanding Teaching Assistant Award The 9 th Open Source SW World Challenge, Silver Medal	KAIST, MAR. 2017 KAIST, FEB. 2017 KAIST, MAR. 2016 KOSSA, DEC. 2015