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**	SEOUL, KOREA
	Lead Software Engineer	OCT. 2013 ~ MAR. 2014

Designed and developed back-end systems for a mobile arcade game, *Sushi Master*, using Amazon AWS, Node.js, MongoDB, and Redis. Developed data analysis tool and web interface for game statistics.

Company 100, Inc. — SEOUL, KOREA
Software Engineer — MAR. 2012 ~ OCT. 2013

Designed and developed back-end systems for a mobile action-RPG game, *MetalBreaker*, using Amazon AWS, Node.js, MongoDB, and Redis. Developed data analysis tool and web interface for game statistics.

SQISoft, Inc. — SEOUL, KOREA
Software Engineer — DEC. 2010 ~ MAR. 2012

Developed billing system for heat & electricity, and face recognition-based immigration clearance system deployed at the Incheon Int'l Airport.

Nexon Corp. — SEOUL, KOREA
Intern — SEP. 2010 ~ DEC. 2010

Developed an in-game chat module in *BubbleFighter* online game.

TEACHING EXPERIENCE	Teaching Assistant	University of Washington
	Introduction to Computer Communication Networks	WINTER 2018, FALL 2017

Teaching Assistant — KAIST
Introduction to Computer Networks — SPRING 2016, SPRING 2015

Teaching Assistant — KAIST
Networking for Smartphone Systems and IoT — FALL 2015

PROGRAMMING SKILLS
- **Language:** C, C++, Java, Javascript(Node.js), Python
- **OS/Platform:** Linux(Ubuntu), Android
- **Hardware:** Arduino
- **Database:** MongoDB, Redis, MySQL
- **Framework/Library:** OpenCV, scikit-learn, PyTorch, Weka
- **Version Control:** Git(GitHub, GitLab)

ACADEMIC SERVICES	Reviewer	IMWUT 2018, 2019
		CHI 2019, 2020
		MobileHCI 2019

AWARDS	Outstanding Teaching Assistant Award	KAIST, MAR. 2017
	Outstanding M.S. Thesis Award	KAIST, FEB. 2017
	Outstanding Teaching Assistant Award	KAIST, MAR. 2016
	The 9th Open Source SW World Challenge, Silver Medal	KOSSA, DEC. 2015